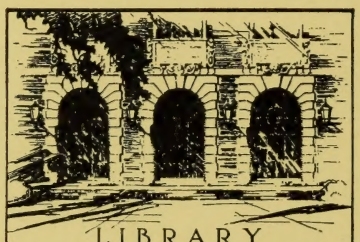

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UNITED STATES
DEPARTMENT OF AGRICULTURE
Miscellaneous Publication No. 420

Washington, D. C. April 1941

WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN LAND-GRANT COLLEGES AND EXPERIMENT STATIONS

1940–41

OFFICE OF EXPERIMENT STATIONS

TITLES AND SERIES OF PUBLICATION SINCE THE FIRST ISSUE IN 1889

Organization of the Agricultural Experiment Stations in the United States. 1889. (Published as U. S. Dept. Agr., Off. Expt. Stas. Bull. 1.)

Organization Lists of the Agricultural Experiment Stations, and Agricultural Schools and Colleges in the United States. 1890. (U. S. Agr., Off. Expt. Stas. Bull. 5.)

Organization Lists of the Agricultural Experiment Stations in the United States. 1891. (U. S. Dept. Agr., Off. Expt. Stas. Circ. 20.)

Organization Lists of the Agricultural Experiment Stations and Agricultural Schools and Colleges. 1892, 1893, 1894. (U. S. Dept. Agr., Off. Expt. Stas. Bulls. 12, 13, 19.)

Organization Lists of the Agricultural Experiment Stations and Institutions with Courses in Agriculture in the United States. 1895, 1896, 1897, 1898. (U. S. Dept. Agr., Off. Expt. Stas. Bulls. 23, 27, 39, 47.)

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Superseded by List of Workers in Subjects Pertaining to Agriculture and Home Economics in the U. S. Department of Agriculture and the State Agricultural Colleges and Experiment Stations. (Unnumbered series running through 1921–22.)

1914. The 1913 edition corrected to June 1914.
1915. Corrected to August 1, 1915.
1916. None published—corrections brought to January 1917.

List of Workers in Subjects Pertaining to Agriculture and Home Economics. Part 1. United States Department of Agriculture. Part 2. State Agricultural Colleges and Experiment Stations.

1917–18.
1918–19. ["Marketing" added to title for this issue only].
1919–20. Not published.
1920–21.
1921–22.
1922–23. Issued as Misc. Circ. 4 (pt. 1 not published).
1923–24. Issued as Misc. Circ. 17 (pt. 1 not published).

Title changed to "List of Workers in Subjects Pertaining to Agriculture in State Agricultural Colleges and Experiment Stations," 1924–25. Misc. Circ. 34.

Workers in Subjects Pertaining to Agriculture in State Agricultural Colleges and Experiment Stations.

1925–26. Misc. Circ. 58.
1926–27. Misc. Circ. 87.
1927–28. Misc. Pub. 12.
1928–29. Misc. Pub. 43.
1929–30. Misc. Pub. 67.
1930–31. Misc. Pub. 100.
1931–32. Misc. Pub. 134.
1932–33. Misc. Pub. 154.
1933–34. Misc. Pub. 180.
1934–35. Misc. Pub. 214.
1935–36 Misc. Pub. 234.

Workers in Subjects Pertaining to Agriculture in Land-Grant Colleges and Experiment Stations.

1936–37. Misc. Pub. 254.
1937–38. Misc. Pub. 299.
1938–39. Misc. Pub. 385.
1939–40. Misc. Pub. 378.
1940–41. Misc. Pub. 420.

UNITED STATES
DEPARTMENT OF AGRICULTURE
Miscellaneous Publication No. 420

Washington, D. C. April 1941

WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN LAND-GRANT COLLEGES AND EXPERIMENT STATIONS

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1940–41

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By BETTY T. RICHARDSON
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KEY TO ABBREVIATIONS

Acct., Accountant, Accounts.
Actg., Acting.
Admin., Administration, Administrative.
Agr., Agriculture, Agriculturist, Agricultural.
Agron., Agronomy, Agronomist.
Agt., Agent.
An., Animal.
Anal., Analytical, Analysis.
Anat., Anatomy.
Arch., Architect, Architecture, Architectural.
Assoc., Associate, Association.
Asst., Assistant.
Bact., Bacteriology, Bacteriologist.
Biochem., Biochemist, Biochemistry, Biochemical.
Biol., Biology, Biologist, Biological.
Bldg., Building(s).
Bot., Botany, Botanist, Botanical.
Brdg., Breeding.
Bul., Bulletin.
Chair., Chairman.
Chem., Chemistry, Chemist, Chemical.
Climat., Climatology, Climatologist.
Coll., College.
Collab., Collaborator, Collaborating.
Comn., Commission.
Comp., Comparative.
Comr., Commissioner.
Conserv., Conservation, Conservationist.
Consult., Consulting, Consultant.
Coop., Cooperation, Cooperative, Cooperator.
Corresp., Correspondence, Correspondent.
Dem., Demonstration, Demonstrator.
Dept., Department.
Dir., Director.
Dist., District.
Div., Division.
Dom., Domestic.
Ecol., Ecology, Ecologist, Ecological.
Econ., Economy, Economic(s), Economist.
Ed., Education, Educational.
Engin., Engineer, Engineering.
Ent., Entomology, Entomologist, Entomological.
Equip., Equipment.
Erad., Eradication.
Exec., Executive.
Expt., Experiment, Experimental.
Ext., Extension.
Fert., Fertility, Fertilizer.
Flor., Floriculture, Floriculturist, Floricultural.
For., Forestry, Forester.
Gard., Gardening, Gardener.
Gen., General.
Geog., Geography.
Geol., Geology, Geologist, Geological.
Grad., Graduate.
Histol., Histology, Histologist.
Hon., Honorary.
Hort., Horticulture, Horticulturist, Horticultural.
Husb., Husbandry, Husbandman.
Hyg., Hygiene.
Illus., Illustration, Illustrative.
Indus., Industry, Industrial, Industries.
Inorg., Inorganic.
Insp., Inspection, Inspector.
Instr., Instructor, Instruction.
Insts., Institutes.
Invest., Investigations, Investigational, Investigator.
Irrig., Irrigation, Irrigationist.
Lab., Laboratory.
Landsc., Landscape.
Lect., Lecturer.
Libr., Library, Librarian.
Mach., Machine, Machinery.
Mech., Mechanics, Mechanical.
Med., Medicine, Medical.
Met., Meteorology, Meteorologist.
Mfg., Manufacturing.
Mfrs., Manufactures.
Mgr., Manager.
Mgt., Management.
Microbiol., Microbiology, Microbiologist.
Mktg., Marketing.
Morphol., Morphology, Morphologist.
Mycol., Mycology, Mycologist.
Nutr., Nutrition, Nutritionist.
Oler., Olericulture, Olericulturist.
Org., Organic.
Organ., Organization(s).
Ornith., Ornithology, Ornithologist.
Parasit., Parasitology, Parasitologist.
Path., Pathology, Pathologist, Pathological.
Pedag., Pedagogy, Pedagogics.
Pharm., Pharmacy, Pharmacist, Pharmaceutical.
Pharmacol., Pharmacology, Pharmacologist.
Photog., Photography, Photographer.
Phys., Physics, Physical.
Physiol., Physiology, Physiologist, Physiological.
Phytopath., Phytopathology, Phytopathologist, Phytopathological.
P. O., Post Office.
Pomol., Pomology, Pomologist, Pomological.
Pract., Practice, Practical.
Prep., Preparatory.
Pres., President.
Prin., Principal.
Prod., Production.
Prof., Professor.
Pubs., Publications.
Sci., Science, Scientist, Scientific.
Sect., Section.
Secon., Secondary.
Secy., Secretary.
Sociol., Sociology, Sociologist.
Sta., Station.
Subsect., Subsection.
Substa., Substation.
Supt., Superintendent.
Supvr., Supervisor.
Surg., Surgery.
Tech., Technical, Technician.
Technol., Technology, Technologist.
Treas., Treasurer.
Trop., Tropical.
Univ., University.
Veg., Vegetable, Vegetation.
Vet., Veterinary, Veterinarian.
Vit., Viticulture, Viticulturist, Viticultural.
Voc., Vocational.
Zool., Zoology, Zoologist, Zoological.

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NOTE.—In the preparation of this publication Miss Richardson was assisted by Mrs. Thelma C. Sanborn of the Office of Experiment Stations.

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A key to the abbreviations used is given on page v.

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*†F. A. Kummer, M. S., *Assoc. Prof. and Assoc. Agr. Engin.*
†J. O. Laws, B. A., *Asst. Soil Conserv. (Coop. U. S. D. A.).*
†R. M. Merrill, B. S., *Agr. Engin. (Coop. U. S. D. A.).*
†D. A. Parsons, B. A., *Hydraulics Engin. (Coop. U. S. D. A.).*
†I. F. Reed, M. S., *Assoc. Agr. Engin. (Coop. U. S. D. A.).*
‡J. B. Wilson, B. S., *Ext. Agr. Engin.*

Entomology—See Zoology.

Extension (Admin.): [1]

‡P. O. Davis, B. S., *Dir.*
‡Etna McGaugh, B. S., *State Home Dem. Agt.*
‡Elizabeth DeLony, B. S., *State Leader for Club Girls.*
‡G. J. Fowler, B. S., *State Leader for Club Boys.*
‡T. A. Sims, B. S., *State 4-H Club Leader.*
‡J. L. Lawson, B. S., *Admin. Asst.*

Home Economics:

*Mrs. Marion W. Spidle, M. S., *Head of School.*
*Mrs. Dorothy D. Arnold, M. S., *Asst. Prof. Home Econ.*
‡Lavada Curtis, B. S., *Food Preservation Specialist.*
*Florence P. Davis, M. S., *Asst. Prof. Home Econ.*
*Dana K. Gatchell, M. S., *Prof. Home Econ.*
‡Catherine H. Haynes, B. S., *Clothing and Handicrafts Specialist.*
‡Elta Majors, M. S., *Child Care and Family Life Specialist.*
‡Nell Pickens, M. S., *Home Mgt. Specialist.*
*Mrs. Marion B. Richardson, B. S., *Instr. Home Econ.*
*Mrs. Inez M. Schrader, B. S., *Instr. Home Econ.*
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‡Lyle Brown, B. S., *Ext. Hort.*
†J. E. Bryan, Jr., B. S., *Asst. in For.*
*M. R. Cox, B. S., *Instr. Hort.*
‡H. S. Fisher, B. L. A., *Ext. Landsc. Gard.*
*†Hubert Harris, B. S., *Instr. and Asst. in Hort.*
*†C. L. Isbell, Ph. D., *Prof. Hort.; Hort.*
†W. A. Johnson, B. S., *Lab. Tech.*
*†F. E. Johnstone, Jr., Ph. D., *Asst. Prof. and Asst. Plant Breeder.*
*W. L. Lear, B. S., *Asst. Prof. For.*
*†E. W. McElwee, M. S., *Assoc. Prof. and Assoc. Hort.*
‡P. G. Millsaps, B. S., *Asst. Ext. For.*
‡R. H. Page, Jr., B. S. *Ext. For.*
‡W. A. Ruffin, M. S., *Ext. Hort.*
†P. A. Swarthout, B. S., *Assoc. For. (Coop. U. S. D. A.).*

Special Investigations:

†J. F. Duggar, M. S., *Research Prof. Special Invest.*

Veterinary Medicine:

*R. S. Sugg, B. S., D. V. M., *Dean of School (State Vet.).*
*W. E. Cotton, D. V. M., *Prof. Infectious Diseases.*
*T. C. Fitzgerald, D. V. M., M. S., *Prof. Vet. Anat. and Histol.*
*J. E. Greene, D. V. M., M. S., *Asst. Prof. Vet. Med.*
*I. S. McAdory, B. S., D. V. M., *Prof. Vet. Surg. (Assoc. State Vet.).*
*Mildred Moore, M. S., *Instr. Bact.*
*Houston Odom, D. V. M., *Asst. Prof. Vet. Med.*
*M. O. Robinson, D. V. M., *Prof. Bact.*
*†L. E. Starr, D. V. M., Ph. D., *Prof. Path. and Parasit.; An. Path.*
*E. S. Winters, B. S., D. V. M., *Assoc. Prof. Physiol.*
*F. P. Woolf, D. V. M., *Asst. Prof. Vet. Med.*

Zoology—Entomology:

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*†F. S. Arant, Ph. D., *Assoc. Prof. and Assoc. Ent.*
*†R. O. Christenson, Ph. D., *Assoc. Prof. and Assoc. Ent.*
*D. H. Copeland B. S., *Instr. Zool.-Ent.*
†L. L. English, Ph. D., *Ent. (P. O., Spring Hill).*
*H. G. Good, Ph. D., *Assoc. Prof. Zool.-Ent.*
*F. E. Guyton, M. S., *Prof. Zool.-Ent.*
*E. A. Jones, M. S., *Instr. Zool.-Ent.*
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‡W. A. Ruffin, M. S., *Ext. Ent.*
†H. S. Swingle, M. S., *Fish Culturist.*

Miscellaneous:

‡J. P. Bell, *Ext. Admin. Clerk.*
*†‡W. T. Ingram, *Purchasing Agt. and Acct.*
*†Mary E. Martin, *Agr. Libr.*
*†W. H. Weidenbach, B. S., *Exec. Secy.*
*†Sara Willeford, B. S., *Agr. Libr.*

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[1] For subject-matter workers see the respective division; i. e., agronomy and soils, animal industry, etc.

Substations:

Black Belt Substa., *P. O., Marion Junction*—
K. G. Baker, B. S., *Supt.*
T. B. Chisholm, *Asst. to Supt.*
Gulf Coast Substa., *P. O., Fairhope*—
Otto Brown, M. S., *Supt.*
H. F. Yates, B. S., *Asst. Supt.*
Sand Mountain Substa., *P. O., Crossville*—
R. C. Christopher, B. S., *Supt.*
H. A. Ponder, B. S., *Asst. Supt.*
Tenn. Valley Substa., *P. O., Belle Mina*—
Fred Stewart, B. S., *Supt.*
J. K. Boseck, B. S., *Asst. Supt.*
Wiregrass Substa., *P. O., Headland*—
J. P. Wilson, B. S., *Supt.*
C. A. Brogden, B. S., *Asst. Supt.*

State Agricultural and Mechanical Institute for Negroes, *Normal*

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*J. F. Drake, A. M., Ph. D., *President.*
*R. D. Morrison, B. S., *Dir. of Agr.*

*Mrs. Minnie M. Bray, *Laundering.*
*Ruth Bryant, B. S., *Home Econ.*
*Addie M. Butler, B. S., *Supvr. Home Econ.*
*R. A. Carter, M. S., *Sci.*
*V. M. Chambers, M. S., *Biol.*
*T. J. Dumas, B. S., *Agr.*
‡W. T. Gravitt, *Agr. Dem. Agt.*
*Lucile A. Love, B. S., *Libr.*
*B. D. Mayberry, B. S., *Voc. Agr.*
‡Eliza S. Pulley, *Home Dem. Agt.*
*Mrs. Nerissa B. Strong, B. S., *Voc. Home Econ.*
*E. J. Thornton, B. S., *Agr.*
*J. T. Whitaker, B. S., *Agr.*
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ALASKA

University of Alaska (Divisions of Agriculture and Home Economics), the Agricultural Experiment Station, and the Extension Service, *College*

*Agricultural faculty. †Station staff. ‡Extension staff.

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†‡L. T. Oldroyd, B. S., *Dir. of Sta., Dir. of Ext. Service.*

Agriculture:

*G. W. Gasser, B. S., *Prof. Agr.*
†I. M. C. Anderson, B. S., *An. Husb.*
*A. B. Magnusson, M. S., *Instr. Agr.*

Chemistry:

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*B. V. Weidner, Ph. D., *Asst. Prof. Chem.*

Extension (Agr.):

‡L. T. Oldroyd, B. S., *Dir.*
‡I. M. C. Anderson, B. S., *Livestock Specialist.*
‡H. F. Estelle, B. S., *Dist. Agr. Agt. (P. O., Palmer).*
‡Lydia Fohn-Hansen, B. S., *Clothing and Handicrafts Specialist.*

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‡J. Hazel Zimmerman, B. S., *Dist. Home Dem. Agt. (P. O., Anchorage).*

Home Economics:

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*Rhoda Putzig, B. S., *Instr. Home Econ.*

Substations:

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University, *P. O., College*—Erastus Peterson, B. S., *Supt.*
Matanuska—D. L. Irwin, B. S., *Supt.*
Petersburg—J. B. Loftus, D. V. M., *Supt.*

ARIZONA

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*†R. S. Hawkins, Ph. D., *Vice Dean of Coll., Vice Dir. of Sta.*
‡C. U. Pickrell, B. S., *Dir. of Agr. Ext. Service.*
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Agronomy:

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*†I. A. Briggs, M. S., *Assoc. Prof. and Assoc. Agron.*
†A. T. Bartel, M. S., *Asst. Agron. (Coop. U. S. D. A.).*
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Animal Husbandry:

*†E. B. Stanley, M. S., *Head of Dept.*
*†C. L. Bell, M. S., *Instr. and Asst. An. Husb.*
‡J. T. Rigden, B. S., *Ext. An. Husb.*
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Animal Pathology:

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Botany and Range Ecology:

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*†J. J. Thornber, A. M., *Prof. Bot.; Taxonomist.*
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*†L. D. Benson, Ph. D., *Asst. Prof. and Asst. Bot.*
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*†W. S. Phillips, Ph. D., *Asst. Prof. and Asst. Bot.*

Chemistry (Agr.) and Soils:

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†J. F. Breazeale, B. S., *Research Biochem. (Coop. U. S. D. A.).*
*†T. F. Buehrer, Ph. D., *Prof. Agr. Chem.; Phys. Chem.*
†G. E. Draper, M. S., *Asst. Agr. Chem. (P. O., Phoenix).*
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*†W. P. Martin, Ph. D., *Asst. Prof. and Asst. Soil Microbiol.*
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Dairy Husbandry:

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†W. S. Cunningham, M. S., *Assoc. Dairy Husb.*
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‡C. F. Rowe, B. S., *Dairying Specialist.*

Economics (Agr.) and Rural Sociology:

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*Faye C. Jones, M. A., *Assoc. Prof. Voc. Ed. in Home Econ.*
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Engineering (Agr.):

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†L. J. Booher, B. S., *Asst. Agr. Engin.*
*†H. C. Schwalen, M. S., *Prof. and Assoc. Agr. Engin.*
‡W. A. Steenbergen, B. S., C. E., *Soils and Irrig. Specialist.*

Entomology and Economic Zoology:

*†C. T. Vorhies, Ph. D., *Head of Dept.*
*†E. D. Ball,[1] Ph. D., *Prof. Zool.; Ent.*
†H. G. Johnston, Ph. D., *Assoc. Ent. (P. O. Phoenix).*
*†L. P. Wehrle, Ph. D., *Assoc. Prof. and Assoc. Ent.*

Extension (Admin.): [2]

‡C. U. Pickrell, B. S., *Dir.*
——— ——— *State Leader Home Dem. Work.*
‡E. M. Rovey, B. S., *Boys' and Girls' Club Specialist.*
‡E. M. Mercer, *Rodent Control Specialist (Coop. U. S. D. I.: P. O., Phoenix).*

Home Economics:

*B. Eleanor Johnson, Ph. D., *Dir. of School.*
‡Lorene Dryden, B. S., *Clothing Specialist.*

Home Economics—Continued.

*Helen M. Hunt, M. S., *Instr. Home Econ.*
*Mildred R. Jensen, M. A., *Asst. Prof. Home Econ.*
*Edith S. Ranney, M. A., *Assoc. Prof. Home Econ.*
‡Jean M. Stewart, M. A., *Nutr. Specialist.*
*Ethel M. Thompson, M. S., *Asst. Prof. Home Econ.*
*Mary A. Wood, M. A., *Asst. Prof. Institutional Mgt.*

Horticulture:

*†A. H. Finch, Ph. D., *Head of Dept. (Coop. U. S. D. A.).*
†A. E. Griffiths, Ph. D., *Asst. Hort. (P. O., Phoenix).*
†R. H. Hilgeman, B. S., *Assoc. Hort. (P. O., Tempe).*
*†W. E. Martin, Ph. D., *Assoc. Prof. and Assoc. Hort.*
‡H. F. Tate, B. S., *Ext. Hort.*
†C. W. Van Horn, M. S., *Asst. Hort. (P. O., Yuma).*

Human Nutrition:

†Mrs. Margaret C. Smith, Ph. D., *Nutr. Chem.*
†Louise Otis, Ph. D., *Assoc. Nutr. Chem.*
†Harry Spector, M. S., *Lab. Asst.*

Plant Breeding:

*†W. E. Bryan, M. S., *Head of Dept.*
*†E. H. Pressley, M. S., *Prof. Plant Brdg.; Assoc. Plant Breeder.*

Plant Pathology:

*†J. G. Brown, Ph. D., *Head of Dept.*
‡M. F. Gottlieb, B. S., *Ext. Plant Path. (P. O. Phoenix).*
*†W. G. Hoyman, Ph. D., *Asst. Prof. and Asst. Plant Path.*
*†R. B. Streets, Ph. D., *Assoc. Prof. and Assoc. Plant Path.*

Poultry Husbandry:

*†Harry Embleton, B. S., *Head of Dept.*
*†H. B. Hinds, M. S., *Assoc. Prof. and Assoc. Poultry Husb.*
‡C. F. Rowe, B. S., *Poultry Specialist.*

Miscellaneous:

*W. H. Carlson, M. A., *Libr.*
*†Elizabeth Abercrombie, M. A., *Pubs. Editor.*
‡Harry Behn, S. B., *Radio Dir.*

Substations:

Hort. Research Lab., *P. O., Tempe*—
R. H. Hilgeman, B. S., *Supt.*
Salt River Valley Expt. Farm, *P. O., Mesa*—
D. C. Aepli, *Supt.*
University Farms, *P. O., Tucson*—
C. D. Wilson, M. A., *Supt.*
University Poultry Farm, *P. O., Tucson*—
F. W. Richardson, B. S., *Asst. in charge.*
Yuma Valley and Mesa Farms, *P. O., Yuma*—
G. H. Seamans, *Supt.*
J. B. Smith, *Asst. Supt.*

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[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

ARKANSAS

College of Agriculture and the Agricultural Experiment Station of the University of Arkansas, *Fayetteville*

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‡C. A. Vines, B. S., *Asst. Ext. Agron. (P. O., Little Rock).*
†C. H. Wadleigh, Ph. D., *Asst. Agron. (Coop. U. S. D. A.).*
*†O. R. Younge, Ph. D., *Asst. Prof. and Asst. Agron.*

Animal Industry:
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‡Paul Carruth, B. S., *Ext. Dairyman.*
*†T. J. Claydon, Ph. D., *Instr. and Asst. in Dairy Mfg.*
*†N. W. Hilston, Ph. D., *Instr. and Asst. in An. Indus.*
*†S. R. Johnson, Ph. D., *Asst. Prof. and Asst. in An. Indus. (An. Nutr.).*
*†P. L. Kelly, Ph. D., *Asst. Prof. and Asst. in An. Indus. (Dairyman).*
‡S. A. Moore, B. S., *Ext. Poultryman.*
‡M. W. Muldrow, B. S., *Ext. An. Husb. (P. O., Little Rock).*
*†R. M. Smith, M. A., *Instr. and Asst. Poultry Husb.*
*W. H. Wiley, M. S., *Instr. An. Indus.*

Bacteriology and Veterinary Science:
*†D. F. Eveleth, Ph. D., D. V. M., *Prof. and Head of Dept.*
*†C. H. Anthony, B. S., D. V. M., *Instr. and Asst. Vet.*
*L. B. Schweiger, M. S., *Instr. Bact. and Vet. Sci.*

Chemistry (Agr.):
*†Barnett Sure, Ph. D., *Prof. and Head of Dept.*
*†M. C. Kik, Ph. D., *Asst. Prof. and Asst. Agr. Chem.*
†Z. W. Ford, Jr., B. S., *Tech.*

Economics (Rural) and Sociology:
*†C. O. Brannen, Ph. D., *Prof. and Head of Dept.*
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†F. E. Delzell, M. S., *Flood Control Survey (Coop. U. S. D. A.).*
*†O. J. Hall, M. S., *Asst. Prof. and Asst. Rural Econ. and Sociol.*
*†T. R. Hedges, Ph. D., *Assoc. Prof. and Assoc. Rural Econ. and Sociol.*

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†O. T. Osgood, M. S., *Asst. in Mktg.*
‡Roy Sellers, M. S., *Ext. Econ., Mktg. (P. O., Little Rock).*
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†J. W. White, M. S., *Asst. in Rural Econ.*
*†W. T. Wilson, Ph. D., *Asst. Prof. and Asst. in Rural Econ. and Sociol.*

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‡Anna J. Holman, M. A., *Asst. Agr. Editor (P. O., Little Rock).*
†‡B. H. Mewis, B. J., *Asst. Agr. Editor.*
†‡K. C. Lynch, B. F. A., *Illustrator.*

Education (Agr.):
*K. L. Holloway, Ph. D., *Prof. and Head of Dept.*
*R. W. Roberts, Ph. D., *Assoc. Prof. Agr. Ed.*

Engineering (Agr.):
*†D. G. Carter, M. S., *Prof. and Head of Dept.*
‡E. L. Arnold, Ph. D., *Ext. Agr. Engin.*
*†Kyle Engler, M. S., *Asst. Prof. and Asst. Agr. Engin.*
*†K. H. Hinchcliff, M. S., *Instr. and Asst. Agr. Engin.*
*†W. C. Hulburt, M. S., *Instr. and Asst. Agr. Engin.*
†V. D. Young, M. S., *Soil Conserv. Invest. (Coop. U. S. D. A.).*

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*†W. J. Baerg, Ph. D., *Prof. and Head of Dept.*
*†W. R. Horsfall, Ph. D., *Asst. Prof. and Asst. Ent.*
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Extension (Admin.): [1]
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Forestry—See **Horticulture.**

Home Economics:
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

Home Economics—Continued.

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*Ella K. Dean, M. S., *Instr. Home Econ. Ed.*
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*Nadine Harris, M. S., *Instr. Home Econ. Ed.*
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‡Sue Marshall, B. S., *Clothing and Household Arts Specialist.*
*Eleanor Nations, B. S., *Instr. Home Econ. Ed.*
*†Howard Reynolds, Ph. D., *Asst. Prof. Home Econ.; Asst. Home Econ. Research.*
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*Floy O. Wilson, M. S., *Instr. Home Econ. Ed.*

Horticulture and Forestry:

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*†J. E. Vaile, Ph. D., *Asst. Prof. and Asst. Hort.*
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Plant Pathology:

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Plant Pathology—Continued.

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.
[2] On leave.

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[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

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Fort Lewis Substa., *P. O., Hesperus*—D. W. Koonce, M. S., *Asst. in Plant Indus.*
Orchard Substa., *P. O., Austin*—F. M. Green, B. S., *Asst. Hort. (Chief Deputy State Hort.).*
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*Henrietta Fleck, M. S., *Instr. Home Econ.*[2]
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*F. A. Arnold, M. S., *Dir. of Agr.*

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*Thelma M. Hargraves, M. A., *Instr. Elementary Ed.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.
[2] Courses given in the Women's College.

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*J. T. Creighton, Ph. D., *Head of Coll. Dept.*
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‡R. S. Dennis, B. S., *Asst. Dist. Agt.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
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[1] For extension administration in home economics see the subject-matter division. For subject-matter workers in all departments see the respective division; i. e., agronomy animal husbandry, etc.
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[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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Entomology—See **Zoology.**

Extension (Admin.): [1]

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‡Murl McDonald, B. S., *Asst. Dir.* (*County Agt. Leader*).
‡P. C. Taff, B. S., *Asst. Dir.* (*State Club Leader*).
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‡Mrs. Edith P. Barker, *in charge Girls' Club Work.*
‡Florence Forbes, B. S., *Agt. in 4–H Club Work.*
‡W. L. Harper, *Secy.*
‡Marian E. Edwards, B. S., *Asst. State Home Dem. Leader.*
‡Mrs. N. May Larson, B. S., *Asst. State Home Dem. Leader.*
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‡Mabel I. Phipps, B. S., *Asst. Home Dem. Leader.*
‡J. S. Quist, B. S., *Asst. State Club Leader.*
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Home Economics—Continued.

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Home Economics—Continued.

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Horticulture and Forestry—Continued.

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Journalism (Tech.):

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‡Ellen LeNoir, M. A., *State Home Dem. Agt.*
‡W. C. Abbott, M. S., *State Club Agt.*

[1] On leave.

[2] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

Extension (Admin.)—Continued.

‡M. M. LaCroix, M. S., *Asst. State Club Agt.*
‡T. J. Jordan, B. S., *State Agt. in Negro Work (P. O., Scotlandville).*
‡W. M. Babin, M. S., *SE. Dist. Agt.*
‡Miss Tom Bourg, A. M., *SE. Dist. Agt.*
‡Cleo Brasher, B. A., *NW. Dist. Agt.*
‡C. W. Davis, M. S., *NE. Dist. Agt.*
‡Mrs. Mary Johnson, A. M., *S. Central Dist. Agt.*
‡R. V. St. Dizier, M. S., *S. Central Dist. Agt.*
‡F. A. Swann, B. S., *SW. Dist. Agt.*
‡Nan Tarwater, M. S., *NE. Dist. Agt.*
‡S. B. Thornton, B. S., *NW. Dist. Agt.*

Fertilizer and Feed Stuffs Laboratory:

†A. P. Kerr, M. S., *Chief Chem.*
†W. P. Denson, A. B., *Asst. Chem.*
†J. L. Farr, M. S., *Asst. Chem.*
†J. H. Jolly, B. S., *Asst. Chem.*
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Forestry:

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*A. D. Folweiler, B. S., M. F., *Assoc. Prof .For.*
‡A. S. McKean, B. S., *Ext. For.*
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Home Economics:

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‡Margaret Brumby, M. A., *Clothing and Household Furnishings Specialist.*
‡Mary L. Collings, A. M., *Home Mgt. Specialist.*
‡Bertha L. Ferguson, M. S., *Home Gard. Specialist.*
‡Estelle Fournet, B. S., *Food Preservation Specialist.*
*Martha E. Hollinger, M. S., *Asst. Prof. Home Econ.*
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North La. Stat., *P. O., Calhoun*—
D. M. Johns, M. S., *Supt.*
P. L. Hawthorne, B. S., *Asst. Hort.*
Northeast La. Sta., *P. O., St. Joseph*—
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†G. H. Perkins, M. S., *Asst. Chem.*
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*M. D. Jones, M. S., *Prof. Agr. Econ. and Farm Mgt., Mgr. Univ. Farm.*
‡G. A. McLaughlin, B. S., *Ext. Econ., Farm Mgt.*
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[1] See also Entomology.

Economics (Agr.) and Farm Management—Continued.

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†A. E. Watson, M. S., *Asst. Agr. Econ.*

Editorial:

‡C. A. Day, M. S., *Agr. Editor.*
‡B. B. Miner, B. S., *Asst. Agr. Editor.*

Education (Agr.):

*H. S. Hill, A. B., *Prof. and Head of Dept.*
*W. H. Elliott, M. S., *Asst. Prof. Agr. Ed.*

Entomology:

†F. H. Lathrop, Ph. D., *Head of Dept.*
†J. H. Hawkins, Ph. D., *Assoc. Ent.*
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Extension (Admin.): [1]

‡A. L. Deering, B. S., Sc. D., *Dir.*
‡G. E. Lord, B. S., *Asst. Dir.*
‡R. C. Dolloff, B. S., *County Agt. Leader.*
‡Estelle Nason, B. S., *State Home Dem. Agt. Leader.*
‡K. C. Lovejoy, B. S., *State Club Leader.*
‡Pauline Budge, B. S., *Asst. State Club Leader.*
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Forestry:

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*R. I. Ashman, A. B., M. F., *Assoc. Prof. For.*
*Gregory Baker, B. S., M. F., *Instr. For.*
*C. W. L. Chapman, M. S., *Asst. Prof. For.*
*J. D. Curtis, B. A., M. F., *Asst. Prof. For.*
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Short Courses:

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Experiment Station Farms:

Aroostook Farm, *P. O., Presque Isle*—S. O. Hanson, *Supt.*
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[1] For subject-matter workers see the respective division; i. e., agronomy and engineering (agr.), animal industry, etc.

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*Paul Knight, M. S., *Asst. Prof. Ent.*
‡G. S. Langford, Ph. D., *Ext. Assoc. Prof. Ent.*
†H. S. McConnell, M. S., *Assoc. Ent.*
‡R. H. Vincent, B. S., *Ext. Instr. Ent. (Japanese Beetle Work).*
‡F. B. Whittington, M. S., *Ext. Instr. Ent.*

Extension (Admin.): [1]

‡T. B. Symons, M. S., D. Agr., *Dir.*
‡E. N. Cory, Ph. D., *Asst. Dir.*
‡E. I. Oswald, B. S., *Asst. Dir.*
‡Venia M. Kellar, B. S., *Asst. Dir.*
‡Dorothy Emerson, *State Girls Club Leader.*
‡E. G. Jenkins, *State Boys' Club Leader.*
‡P. E. Nystrom, M. S., *Asst. County Agt. Leader.*
‡M. S. Downey, B. S., *Asst. in Boys' Club Work.*

Forestry (Farm):

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‡C. F. Winslow, A. B., M. F., *Ext. Asst. Prof. For.*

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*Hazel Burnette, B. S., *Instr. Foods.*
*Vienna Curtiss, M. A., *Asst. Prof. Art.*
*Eleanor Enright, A. M., *Instr. Home and Institution Mgt.*

[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Home Economics—Continued.

‡Jessie D. Hinton, M. S., *Ext. Assoc. Prof. Home Mgt.*
*Mrs. Frances B. Hintz, B. S., *Instr. Home Mgt.*
*Mary E. Kirkpatrick, M. S., *Asst. Prof. Foods and Nutr.*
‡Florence H. Mason, B. S., *Ext. Assoc. Prof. Home Furnishing.*
*Mrs. Frieda W. McFarland, M. A., *Prof. Textiles and Clothing.*
*Edna B. McNaughton, M. A., *Prof. Home Econ. Ed.*
‡Margaret McPheeters, M. S., *Ext. Assoc. Prof. Nutr.*
*Mrs. Polly K. Moore, Ph. D., *Asst. Prof. Textiles and Clothing.*
‡Helen Shelby, M. A., *Ext. Assoc. Prof. Clothing.*
*Mrs. Claribel P. Welsh, M. A., *Prof. Foods.*

Horticulture:

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†Jack Amatt, B. S., *Asst. Hort.*
‡W. R. Ballard, B. S., *Ext. Assoc. Prof. Veg. and Landsc. Gard.*
*†I. C. Haut, Ph. D., *Assoc. Prof. and Assoc. Pomol.*
†C. W. Hitz, M. S., *Asst. Pomol.*
‡H. A. Hunter, M. S., *Ext. Assoc. Prof. Canning Technol.*
*†F. B. Lincoln, Ph. D., *Assoc. Prof. and Assoc. in Plant Propagation.*
*†‡A. L. Schrader, Ph. D., *Prof. Hort.; Hort.*

Horticulture—Continued.

*‡M. M. Shoemaker, A. B., M. L. D., *Assoc. Prof. Landsc. Gard.*
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*†G. D. Quigley, B. S., *Assoc. Prof. and Assoc. Poultry Husb.*
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*G. C. Crampton, Ph. D., *Prof. Insect Morphol.*
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*F. R. Shaw, Ph. D., *Instr. Ent. and Beekeeping.*
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[1] On leave.

Extension (Admin.): [1]

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‡S. R. Parker, B. S., *State County Agt. Leader.*
‡E. S. Carpenter, M. S., *Secy.*
‡J. W. Dayton, B. S., *Agr. Agt. at Large.*
‡L. V. Loy, M. S., *Community Organ. and Recreation Specialist.*
‡H. Ruth McIntire, B. S., *Recreation Specialist.*
‡Mrs. Annette T. Herr, A. M., *State Home Dem. Leader.*
‡Beatrice E. Billings, M. A., *Home Dem. Agt. at Large.*
‡G. L. Farley, M. S., *State Club Leader.*
‡Tena Bishop, B. S., *Asst. State Club Leader.*
‡Marion E. Forbes, B. S., *Asst. State Club Leader.*
‡H. A. Leland, B. S., *Asst. State Club Leader.*
‡E. H. Nodine, B. S., M. Ed., *Asst. State Club Leader.*

Forestry:

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*B. F. Keville, Jr., B. S., *Lab. Asst. in For.*
‡R. B. Parmenter, B. S., *Ext. For.*
*A. D. Rhodes, B. S., M. F., *Instr. For.*
*J. H. Rich, B. S., M. F., *Asst. Prof. For.*
*R. E. Trippensee, Ph. D., *Prof. Wildlife Mgt.*

Geology and Mineralogy:

*C. E. Gordon, Ph. D., *Prof. Geol. and Mineralogy. Head Div. of Phys. and Biol. Sci.*

History and Sociology:

*A. A. Mackimmie, A. M., *Head of Dept.*
*T. C. Caldwell, Ph. D., *Asst. Prof. History and Sociol.*
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†Helen S. Mitchell, Ph. D., *Research Prof. Home Econ.*
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*Mrs. Gladys M. Cook, M. S., *Instr. Home Econ.*
*Mrs. Sara M. Coolidge, M. S., *Asst. Prof. Home Econ.*
‡May E. Foley, A. M., *Ext. Nutr.*
‡Mrs. Harriet J. Haynes, B. S., *Ext. Econ., Home Mgt.*
‡Mrs. Esther C. Page, B. S., *Clothing Specialist.*
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Horticulture:

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*†W. W. Chenoweth, M. S., *Head Dept. of Hort. Mfrs.*
*R. H. Otto, M. L. A., *Head Dept. of Landsc. Arch.*
†J. K. Shaw, Ph. D., *Research Prof. Pomol.*
*†G. B. Snyder, M. S., *Head Dept. of Oler.*
*†C. L. Thayer, B. S., *Head Dept. of Flor.*

Horticulture—Continued.

*W. H. Armstrong, S. B., M. L. A., C. P., *Supt. of Grounds.*
†J. S. Bailey, M. S., *Asst. Research Prof. Pomol.*
*L. L. Blundell, B. S., *Prof. Hort.*
‡W. R. Cole, *Specialist in Hort. Mfrs.*
‡A. M. Davis, B. S., *Asst. Ext. Hort.*
†P. W. Dempsey, B. S., *Asst. Research Prof. Hort. (P. O., Waltham).*
†E. B. Donnelly, *Tech. Asst. in Flor. (P. O., Waltham).*
†C. R. Fellers, Ph. D., *Research Prof. Hort. Mfrs.*
*A. P. French, M. S., *Prof. Pomol. and Plant Brdg.*
†William Garland, *Tech. Asst. in Nursery Culture (P. O., Waltham).*
*A. K. Harrison, *Prof. Landsc. Arch.*
†W. J. Hodder, B. S., *Lab. Asst. in Veg. Gard. (P. O., Waltham).*
*S. C. Hubbard, *Asst. Prof. Flor.*
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*W. H. Lachman, M. S., *Instr. Oler.*
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*W. A. Maclinn, Ph. D., *Asst. Prof. Hort. Mfrs.*
*E. R. Martini, B. F. A., *Instr. Landsc. Arch.*
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†Lawrence Southwick, M. S., *Research Asst. in Pomol.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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Miscellaneous:

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*R. C. Huston, Ph. D., *Prof. Org. Chem.*
*C. C. Langham, M. S., *Instr. Chem.*
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†B. H. Pringle, M. S., *Asst. in Chem.*
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Dairy Husbandry—Continued.

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Economics (See also **Farm Mgt.**):

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*†D. C. Cline, Ph. D., *Assoc. Prof. and Research Assoc. in Econ.*
*†‡R. V. Gunn, M. S., *Assoc. Prof. and Research Assoc. in Agr. Econ.*
†‡Arthur Howland, B. S., *Research Asst. and Ext. Agr. Econ.*
*†H. E. Larzalere, Ph. D., *Instr. and Research Asst. in Agr. Econ.*
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Editorial—See **Journalism.**

Education:

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*Mrs. Merle D. Byers, M. A., *Assoc. Prof. Home Econ. Ed.*
*H. M. Byram, Ph. D., *Assoc. Prof. Ed.*
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*G. P. Deyoe, Ph. D., *Assoc. Prof. Ed.*
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Extension (Admin.): [1]

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‡K. H. McDonel, M. A., *Asst. Dir.*
‡Edna V. Smith, B. S., *State Home Dem. Agt. Leader.*
‡A. G. Kettunen, B. S., *State Club Leader.*
‡C. V. Ballard, B. S., *State County Agt. Leader.*
‡M. H. Avery, B. S., *Asst. State Club Leader.*
‡Olga Bird, M. S., *Asst. State Club Leader.*
‡Beatrice C. Boyle, B. S., *Asst. State Club Leader.*
‡R. G. Carr, B. S., *Asst. to State County Agt. Leader.*
‡Lois M. Corbett, B. S., *Asst. State Club Leader.*
‡R. E. Decker, B. S., *Asst. County Agt. Leader.*
‡Lola B. Green, M. S., *Asst. State Club Leader.*
‡Margaret B. Harris, M. A., *Asst. State Home Dem. Agt. Leader.*
‡P. G. Lundin, B. S., *Asst. State Club Leader.*
‡Marcella M. Meyer, B. S., *Asst. State Club Leader (P. O., Marquette).*
‡Nevels Pearson, B. S., *Asst. State Club Leader.*
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Farm Crops:

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‡W. I. Bull, B. S. F., *Ext. For.*
†M. W. Day, B. S., *Research Asst. in For. (P. O., Sault Ste. Marie).*
*Karl Dressel, B. S., M. F., *Assoc. Prof. For.*
*J. H. Husted, M. S., *Instr. For.*
*J. H. Kraemer, B. S., M. F., *Instr. For.*
*A. J. Panshin, Ph. D., *Asst. Prof. For.*
*P. W. Robbins, B. S., *Asst. Prof. Silviculture, Supt. of For. Nursery.*
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*E. C. Prophet, M. A., *Asst. Prof. Geog.*
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*Frances A. Starin, M. S., *Asst. Prof. Foods and Nutr.*
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Home Economics—Continued.

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Journalism and Publications:

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*L. H. Geil, M. A., *Asst. Prof. Journalism.*
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*Ralph Norman, M. A., *Instr. Journalism.*
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Poultry Husbandry—Continued.

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Short Course:

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*W. H. Taylor, B. S., *Supvr. N. Y. A. Scholarship Short Course.*
*H. S. Wilt, B. S., *Voc. Supvr. Gen. Agr. Short Course.*

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*†C. H. Spurway, Ph. D., *Prof. and Research Assoc. in Soils.*
*†L. M. Turk, Ph. D., *Assoc. Prof. and Research Asst. in Soils.*
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*†J. O. Veatch, A. B., *Prof. and Research Assoc. in Soils.*
†A. G. Weidemann, M. S., *Research Asst. in Soils.*
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Veterinary Science:

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*C. E. Black, M. D., M. S., *Lect. in Clinical Path.*
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Veterinary Science—Continued.

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*†E. S. Conklin, D. V. M., *Asst. in An. Path.*
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*†A. C. Corbett, M. S., D. V. M., *Instr. and Asst. in Bact.*
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[1] For subject-matter workers see the respective division; i. e., animal husbandry, botany, etc.
[2] On leave.

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*R. T. Dufford, Ph. D., *Asst. Prof. Phys.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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Huntley Field Sta., *P. O., Huntley*—
Dan Hansen, *Supt.*
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A. E. Seamans, B. S., *Assoc. Agron.*
Judith Basin Branch Sta., *P. O., Moccasin*—
R. M. Williams, B. S., *Supt.*
North Mont. Branch Sta., *P. O., Havre*—
F. S. Willson, M. S., *Supt.*
R. R. Woodward, B. S., *Asst. in An. Husb.*
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[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
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[1] For subject-matter workers see the respective division; i. e., agronomy and engineering (agr.), animal husbandry, etc.

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[1] For subject-matter workers see the respective division; i. e., animal husbandry, biochemistry (agr.), etc.

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Animal Husbandry:

———, *Prof. and Chair. of Dept.*
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‡H. B. McLachlin, B. S., *Ext. An. Husb.*
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Animal and Human Nutrition:

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†P. E. Johnson, Ph. D., *Asst. An. Nutr.*
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Animal Pathology and Hygiene:

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Bacteriology:

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†W. E. Brentzel, M. A., *Plant Path.*
†H. H. Flor, Ph. D., *Assoc. Plant Path. (Coop. U. S. D. A.).*
†G. C. Mayoue, M. S., *Assoc. Plant Path. (Coop. U. S. D. A.).*
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Chemistry (Agr.):

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Dairy Husbandry:

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Economics (Agr.):

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‡A. W. Barker, A. B., *Ext. Asst. in Land Use.*
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‡H. W. Herbison, M. S., *Ext. Agt. in Land Use.*
‡W. J. Lawrence, A. B., *Ext. Asst. in Land Use.*
‡J. C. Russell, *Ext. Asst. in Land Use.*
‡G. P. Wolf, M. S., *Ext. Asst. in Land Use.*

Editorial and Publicity:

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Editorial and Publicity—Continued.

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Education (Agr.):

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Engineering (Agr.):

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Extension (Admin.): [2]

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‡N. D. Gorman, B. S., *County Agt. Leader.*
‡Grace E. DeLong, B. A., *State Home Dem. Leader.*
‡H. E. Rilling, M. S., *State Club Leader.*
‡B. P. Gorder, B. S., *State 4–H Club Agt.*
‡Margaret A. Latimer, B. S., *Asst. State Club Leader.*
‡E. G. Parizek, *Secy. and Asst. County Agt. Leader.*
‡Ruth L. Shepard, B. A., *State 4–H Club Agt.*
‡Pauline M. Reynolds, B. A., *Ext. Agt. for Rural Youth.*
‡B. J. Berntson, B. S., *Dist. Supvr.*
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*Minnie A. Anderson, M. A., *Prof. Home Econ.*
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*Evelyn Carlson, B. S., *Supervising Instr. Home Econ. Ed.*
‡Ruth M. Dawson, M. A., *Ext. Agt. in Foods and Nutr.*
‡Mrs. Florence P. Day, M. S., *Ext. Agt. in Home Mgt.*
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[1] On leave.
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Home Economics—Continued.

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Substations:

Dickinson—
Leroy Moomaw, B. S., *Supt. (Coop. U. S. D. A.).*
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Edgeley—O. A. Thompson, B. S., *Supt.*
Hettinger—N. J. Sanders, *Supt.*
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*H. T. Scofield, Ph. D., *Asst. Prof. Bot.*
*W. G. Stover, Ph. D., *Prof. Bot.*
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Dairy Technology:

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[1] See also experiment station staff.

Dairy Technology—Continued.

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Editorial—See **Journalism.**

Education (Agr.):

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*Ray Fife, Ph. D., *Prof. Agr. Ed.*
*H. G. Kenestrick, Ph. D., *Assoc. Prof. Agr. Ed.*
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*W. A. Junnila, M. S., *Instr. Agr. Engin.*[1]
*A. C. Kennedy, M. S., *Asst. Prof. Agr. Engin.*
*R. C. Miller, B. S., *Prof. Agr. Engin.*[1]
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Entomology—See **Zoology.**

Extension (Admin.): [2]

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‡Hulda E. Horst, M. A., *Asst. State Club Leader.*
‡Eva M. Kinsey, B. S., *Asst. State Club Leader.*
‡C. C. Lang, B. S., *Asst. State Club Leader.*
‡Nellie Watts, M. A., *Asst. State Home Dem. Leader.*
‡W. W. Brownfield, B. S., *Dist. Supvr.*
‡O. C. Croy, M. S., *Dist. Supvr.*
‡Guy Dowdy, M. S., *Asst. in Land Use Planning.*
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‡Anne P. Biebricher, B. S., *Home Mgt. Specialist.*
*Charlotte Biester, M. A., *Instr. Home Econ.*
*Margaret F. Bremner, M. S., *Instr. Home Econ.*
‡Edna M. Callahan, M. A., *Clothing Specialist.*
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‡Elizabeth S. Carmichael, M. S., *Child Development and Family Life Specialist.*
*Esther Crew, B. S., *Instr. Home Econ.* (*P. O., Reynoldsburg*).
*Daisy Davis, M. A., *Asst. Prof. Home Econ.*
*Martha Dush, B. S., *Instr. Home Econ.*
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*Mary E. Green, M. S., *Instr. Home Econ.*
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*Mrs. June F. Kennedy, M. A., *Asst. Prof. Home Econ.*
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*Winona L. Morgan, Ph. D., *Assoc. Prof. Home Econ.*
*Florence M. Osborn, B. S., *Asst. in Home Econ.*
*Florence E. Petzel, A. M., *Asst. Prof. Home Econ.*[1]
*Mrs. Alice D. Pressey, A. M., *Asst. Prof. Home Econ.*
*Mrs. Hazel H. Price, Ph. D., *Asst. Prof. Home Econ.*
*Eunice Ryan, M. A., *Asst. Prof. Home Econ.*

---

[1] See also experiment station staff.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Home Economics—Continued.

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‡J. H. Boyd, B. S., *Veg. Gard. Specialist.*
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*‡L. C. Chadwick, Ph. D., *Assoc. Prof. and Specialist in Flor.*[1]
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‡I. C. Hoffman, Ph. D., *Veg. Gard. Specialist (P. O., Wooster).*
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*Alex Laurie, M. A., *Prof. Flor.*[1]
*‡G. H. Poesch, M. S., *Asst. Prof. and Specialist in Flor.*[1]
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Journalism (Agr.):

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‡Ethel M. Cadley, B. S., *Asst. Editor.*
‡G. E. Ferris, B. S., *Asst. Radio Editor.*
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Veterinary Medicine—Continued.

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Ohio Agricultural Experiment Station, *Wooster*

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†W. H. Kramer, *Bursar.*

Agronomy:

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†G. W. Conrey, Ph. D., *Assoc. in Agron. (Soil Survey).*
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Agronomy—Continued.

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[1] See also experiment station staff.

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†F. A. Welton, Ph. D., *Assoc. Agron.* (*Field Crops*).
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†A. F. Schalk, D. V. M., *Assoc. in An. Indus.* (*P. O., Columbus*).
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†C. F. Monroe, M. S., *Assoc. in Dairy Chem.*
†A. E. Perkins, M. S., *Assoc. in Dairy Indus.*
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†C. H. Martin, Ph. D., *Asst. Ent.* (*P. O., Marietta*).
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†N. F. Childers, Ph. D., *Assoc. in Hort.* (*P. O., Columbus*).
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†F. S. Howlett, Ph. D., *Assoc. Hort.*
†Alex Laurie, M. A., *Assoc. Hort.* (*P. O., Columbus*).
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Northeastern Expt. Farm, *P. O., Brunswick*—L. A. Malik, *Supt.*

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Southeastern Expt. Farm, *P. O., Carpenter*—Elza McCall, *Supt.*
Southwestern Expt. Farm, *P. O., Germantown*—H. L. Wachter, *Supt.*
Belmont County Expt. Farm, *P. O., St. Clairsville*—Walter Mahan, *Supt.*
Clermont County Expt. Farm, *P. O., Batavia*—H. S. Elliot, *Supt.*
Hamilton County Expt. Farm, *P. O., Mt. Healthy*—W. E. Weaver, *Supt.*
Madison County Expt. Farm, *P. O., London*—H. W. Rogers, B. S., *Supt.*

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Miami County Expt. Farm, *P. O., Troy*—P. A. Jones, *Supt.*
Muck Crops Expt. Farm, *P. O., McGuffey*—Harry Obenour, *Foreman.*
Paulding County Expt. Farm, *P. O., Paulding*—R. C. Beatty, *Foreman.*
Trumbull County Expt. Farm, *P. O., Cortland*—Harold Allen, *Supt.*
Washington County Expt. Farm, *P. O., Fleming*—Ray Hopkins, *Supt.*
Washington County Truck Farm, *P. O., Marietta*—O. N. Riley, *Foreman.*

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‡Shawnee Brown, *Asst. Dir.*
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‡P. G. Adams, B. S., *State Club Agt.*
‡Alice Carlson, B. S., *Asst. State Club Agt.*
‡E. W. Cimmamon, B. S., *Asst. State Club Agt.*
‡H. F. Mercer, B. S., *Asst. State Club Agt. in charge Wildlife Conserv.*
‡Lee Craig, B. S., *Dist. Agt.*
‡Anna L. Diehl, *Dist. Agt.*
‡D. I. Diehl, *Dist. Agt.*
‡J. M. Ives, B. S., *Dist. Agt.*
‡Zella King, B. S., *Dist. Agt.*
‡E. K. Lowe, B. S., *Dist. Agt.*
‡Lemna O. Maloney, B. S., *Dist. Agt.*
‡Esther L. Martin, B. S., *Dist. Agt.*

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*Daisy I. Purdy, Ph. D., *Prof. and Head Dept. of Household Sci. and Hotel Admin.*
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Mrs. Patricia G. Butler, M. S., *Instr. Home Econ. Ed.*
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*Sue Daugherty, B. S., *Asst. in Home Econ. Ed.*
‡Willie Fletcher, M. S., *Child Development and Parent Ed. Specialist.*
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*Mary L. Greenwood, M. A., *Assoc. Prof. Household Sci.*
‡Thelma Greenwood, M. S., *Asst. Ext. Econ., Home Mgt.*

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
[2] On leave.

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*Lois Hastings, B. S., *Asst. in Household Sci.*
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*Gladys Marshall, M. S., *Asst. in Household Sci.*
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*Mary E. Moody, M. A., *Assoc. Prof. Home Life.*
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*Christine Newark, M. A., *Asst. Prof. Home Life.*
*Ellen Penn, A. M., *Asst. Prof. Household Sci.*
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Horticulture:

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Horticulture—Continued.

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‡Fred LeCrone, M. S., *Asst. Ext. Hort.*
‡F. K. McGinnis, Jr., M. L. A., *Asst. Ext. Hort.*
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Journalism (Agr.):

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*†G. F. Church, M. A., *Assoc. Prof. Journalism; Assoc. Editor.*
‡H. A. Graham, M. S., *Ext. Editor and Radio Dir.*
‡L. W. Osborn, B. S., *Asst. Ext. Editor.*
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Poultry Husbandry:

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†F. P. McWhorter, Ph. D., *Plant Path. (Coop. U. S. D. A.).*
†J. A. Milbrath, Ph. D., *Asst. Plant. Path.*
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†M. B. Hatch, M. S., *Asst. Chem.*
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Editorial—See **Journalism:**

Education (Agr.):

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Engineering (Agr.):

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†W. M. Hurst, B. S., *Agr. Engin. (Coop. U. S. D. A.).*
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*†F. E. Price, B. S., *Prof. Agr. Engin.; Agr. Engin. in charge.*
*†H. R. Sinnard, M. S., *Assoc. Prof. and Assoc. Agr. Engin. (Farm Structures).*
†G. R. Stafford, *Engin. Aide (Coop. U. S. D. A.).*
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Entomology:

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Extension (Admin.): [1]

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‡L. J. Allen, M. S., *Asst. State Club Leader.*
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Home Economics:

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Isabela Substa., *P. O., Isabela*—
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*C. C. Totman, B. S., *Instr. Dairy Husb.*
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*†A. E. Coons, M. S., *Asst. Prof. and Asst. Agr. Econ.*
*†W. P. Cotton, M. S., *Asst. Prof. and Asst. Agr. Econ.*
‡S. W. Jones, M. S., *Farm Mgt. Specialist.*
*†G. E. Korzan, B. S., *Asst. in Agr. Econ.*
†Max Myers, B. S., *Asst. in Farm Mgt.*
*†A. G. Nelson, M. S., *Asst. Prof. and Asst. Agr. Econ.*
*†W. H. Peterson, M. S., *Asst. Prof. and Asst. Agr. Econ.*

Editorial—See **Journalism.**

Education (Agr.):

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*E. J. Daniel, B. S., *Asst. in Agr. Ed*

Engineering (Agr.):

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*H. P. Bloem, B. S., *Instr. Agr. Engin.*
*J. A. Bonell, *Asst. Prof. Agr. Engin.*
*†H. H. DeLong, B. S., *Instr. and Asst. Agr. Engin.*
*†L. F. Larsen, M. S., *Asst. Prof. and Asst. Agr. Engin.*

Entomology—Zoology:

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*Nelle A. Hartwig, M. S., *Asst. Prof. Ent.-Zool.*
*†N. P. Larson, M. S., *Asst. Prof. Ent.-Zool.; Asst. Ent.*
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‡J. L. Hill, B. S., *Dist. Supvr.*
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†Barbara Bailey, M. S., *Research Asst. in Home Econ.*
‡Mary A. Covert, B. E., *Home Mgt. Specialist.*
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‡F. I. Rockwell, B. S. F., *Ext. For.*

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Poultry Husbandry:

*†W. E. Poley, Ph. D., *Head of Dept.*
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[1] For subject-matter workers, see the respective division; i. e., agronomy, animal husbandry, etc.

Poultry Husbandry—Continued.
‡M. H. Simonson, B. S., *Ext. Poultryman.*
*†W. O. Wilson, M. S., *Instr. and Asst. in Poultry Husb.*

Sociology (Rural):
*†W. F. Kumlien, M. S *Head of Dept.*
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Veterinary Science:
*C. C. Lipp, D. V. M., *Head of Dept.*

Veterinary Science—Continued.
*†J. B. Taylor, V. M. D., *Asst. Prof. and Asst. Vet.*
‡G. S. Weaver, V. S., *Ext. Vet.*

Zoology—See **Entomology.**

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Forestry—See **Horticulture.**

Geology:

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*H. C. Amick, M. A., *Asst. Prof. Geol.*
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*Caspar Rappenecker, Ph. D., *Instr. Geol.*
*J. G. Walls, A. M., *Instr. Geol.*

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[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Home Economics—Continued.

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*Jeannette Biggs, M. S., *Assoc. Prof. Nutr.*
*Myra L. Bishop, M. A., *Asst. Prof. Foods and Home Mgt.*
*M. Ruth Buckley, M. A., *Prof. Foods and Institution Mgt.*
*Esther M. Chapman, M. S., *Asst. Prof. Textiles and Clothing.*
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*Ella J. Day, Ph. D., *Prof. Child Development.*
†Mary L. Dodds, Ph. D., *Asst. Home Econ.*
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*Marion G. Heard, A. M., *Asst. Prof. Craft Design.*
*Helene Heye, Ph. D., *Assoc. Prof. Child Development and Home Econ. Ed.*
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Horticulture—Continued.

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[1] On leave.

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H. M. Beachell, M. S., *Asst. Agron. (Rice Prod. and Brdg.: Coop. U. S. D. A.).*

Substations—Continued.
C. E. Minarik, Ph. D., *Plant Physiol. (Rice Invest.).*
Beeville (No. 1)—
R. A. Hall, B. S., *Supt.*
E. M. Neal, B. S., *An. Husb.*
Chillicothe (No. 12)—
J. R. Quinby, M. S., *Supt. (Coop. U. S. D. A.).*
J. C. Stephens, M. A., *Assoc. Agron. (Coop. U. S. D. A.).*
College Station (No. 10)—
R. M. Sherwood, M. S., *An. Husb. in charge.*
L. J. McCall, *Farm Supt.*
Denton (No. 6)—
P. B. Dunkle, M. S., *Supt.*
I. M. Atkins, B. S., *Assoc. Agron. (Wheat and Oat Prod. and Brdg.: Coop. U. S. D. A.).*
Dickinson (Truck Crop Insect Invest. Lab.)—
———, *Ent. in charge.*
Gilmer (Sweet Potato Invest. Lab.)—
R. E. Wright, M. S., *Hort. in charge.*
Iowa Park (No. 16)—
L. E. Brooks, B. S., *Supt.*
B. S. Pickett, Ph. D., *Hort.*
Jacksonville (Tomato Disease Lab.)—
P. A. Young, Ph. D., *Plant Path. in charge.*
Lubbock (No. 8)—
D. L. Jones, *Supt.*
Frank Gaines, *Irrig. and For. Nurseryman.*
Lufkin (Pasture Invest. Lab.)—
E. K. Crouch, B. S., *Agron. in charge.*
Montague (Fruit Invest. Lab.)—
U. A. Randolph, B. S., *Hort. in charge.*
Nacogdoches (No. 11)—
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Sonora (No. 14)—
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O. G. Babcock, B. S., *Asst. Ent. (Coop. U. S. D. A.).*
I. B. Boughton, D. V. M., *Vet. (Sheep and Goat Disease Invest.).*
O. L. Carpenter, *Brdg. Supvr.*
V. L. Cory, M. S., *Range Bot.*
W. T. Hardy, D. V. M., *Vet.*
Spur (No. 7)—
R. E. Dickson, B. S., *Joint Supt. (Coop. U. S. D. A.).*
C. E. Fisher, M. S., *Asst. Soil Conserv. (Coop. U. S. D. A.).*
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E. W. Lyle, Ph. D., *Plant Path. (Rose Disease Invest.).*
J. B. Pope, M. S., *Soil Conserv. Research (Coop. U. S. D. A.).*
J. C. Ratsek, Ph. D., *Hort. (Rose Disease Invest.).*
O. C. Word, B. S., *Assoc. Agr. Engin. (Coop. U. S. D. A.).*
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G. H. Godfrey, Ph. D., *Plant Path.*
J. L. Heid, B. S., *Chem. (Citrus Products Lab.: Coop. U. S. D. A.).*
P. T. Riherd, M. S., *Ent.*
J. F. Wood, B. S., *Hort.*
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S. S. Ivanoff, Ph. D., *Plant Path.*

Prairie View State Normal and Industrial College, *Prairie View*

*Agricultural faculty. ‡Extension work.

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*L. A. Potts, M. S., *Dir. Div. of Agr. Prof. Rural Ed.*

*J. M. Alexander, M. S., *Assoc. Prof. An. Husb.*
*O. J. Baker, M. L. S., *Libr.*
*R. S. Byrd, M. S., *Instr. Agron.*
*Robert Cole, B. S., *Instr. Hort.*
*J. M. Coruthers, Ph. D., *Prof. Agr. Econ.*
‡H. S. Estelle, B. S., *Asst. State Leader in Ext. Work.*
*E. B. Evans, D. V. M., *Assoc. Prof. Vet. Med. and Asst. Dir. of Agr.*
*Ethel M. Griggs, M. S., *Assoc. Prof. Clothing.*
*C. A. Harrison, B. S., *Instr. Rural Engin.*
*W. R. Harrison, M. S., *Asst. Prof. Rural Econ.*
*Dorothy R. Hawkins, M. A., *Instr. Clothing.*
*Margaret Leavelle, M. S., *Asst. Prof. Foods and Nutr.*
*Elizabeth C. May, M. S., *Dir. Div. of Home Econ.*
*E. M. Norris, Ph. D., *Prof. Rural Ed.*
*Mrs. Hulda B. Owen, M. S., *Instr. Foods and Nutr.*
*Mayme L. Powell, M. S., *Assoc. Prof. Clothing.*
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*Delia Silanse, M. S., *Instr. Parent Ed.*
*G. L. Smith, B. S., *Instr. Fruit Growing.*
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*W. P. Terrell, M. S., *Itinerant Teacher Trainer (Trades and Indus.)*
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UTAH

Utah State Agricultural College, the Agricultural Experiment Station, and the Agricultural Extension Service, *Logan*

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†O. F. Bartholomew, M. S., *Assoc. Agron. (Coop. U. S. D. A.).*
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†D. L. Sargent, M. S., *Asst. Agron.*[2]
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*†M. A. Madsen, M. S., *Instr. Sheep Husb.; Asst. An. Husb.*
*†R. A. Rasmussen, Ph. D., *Asst. Prof. An. Husb.; in charge An. Nutr.*
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*Raymond Stowers, B. S., *Asst. in An. Husb.*

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*†L. W. Jones, M. S., *Instr. and Asst. Bact.*
*†K. R. Stevens, Ph. D. *Asst. Prof. and Assoc. Bact.*

Botany and Plant Pathology:

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†H. L. Blood, Ph. D., *Plant Path. (Coop. U. S. D. A.).*
†R. M. Christiansen, B. S., *Asst. Plant Path. (Coop. U. S. D. A.).*
*†Bassett Maguire, Ph. D., *Assoc. Prof. and Coop. in Bot. and Plant Path.*
†Michael Shapovalov, M. S., *Senior Path. (Coop. U. S. D. A.).*
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*†F. B. Wann, Ph. D., *Assoc. Prof. Plant Physiol.; Assoc. Bot. and Plant Path.*

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*†R. L. Hill, Ph. D., *Prof. Chem.; Chem.*
*†C. T. Hirst, M. S., *Assoc. Prof. and Assoc. Chem.*
*Sherwin Maeser, Ph. D., *Prof. Chem.*
*L. E. Malm, Ph. D., *Assoc. Prof. Chem.*

Dairy Husbandry and Manufacturing:

*†‡G. B. Caine, M. A., *Prof. Dairy Husb.; Dairy Husb.*
†G. Q. Bateman, B. S., *Asst. Dairy Husb. and Supt. Dairy Expt. Farm (Coop. U. S. D. A.).*

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[1] On leave.
[2] In cooperation with Branch Agricultural College, Cedar City.

Dairy Husbandry and Manufacturing—Continued.
*†‡A. J. Morris, M. S., *Assoc. Prof. and Coop. in Dairy Mfg.*
‡L. H. Rich, M. S., *Ext. Dairyman.*

Economics (Agr.) and Marketing:
*†‡W. P. Thomas, Ph. D., *Prof. Agr. Econ. and Mktg.; Agr. Econ.*
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*†D. A. Broadbent, M. S., *Instr. and Research Asst. in Agr. Econ.*
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*†J. N. Symons, M. S., *Asst. Prof. and Asst. in Rural Sociol.*
†Dilworth Walker, Ph. D., *Agt. (Coop. U. S. D. A.).*
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†Theron Ashcroft, B. S., *Asst. Irrig. Engin.*[2]
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*W. D. Criddle, M. S., *Instr. Irrig. Engin.*
*H. R. Kepner, C. E., M. S., *Assoc. Prof. Engin.*
*E. M. Stock, M. S., *Instr. Irrig. Engin.*
*E. B. Wahlgren, B. S., *Instr. Agr. Engin.*

Entomology—See **Zoology.**

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‡William Peterson, B. S., *Dir.*
‡W. W. Owens, M. A., *Asst. Dir. for Agr.*
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*G. H. Barnes, M. S. F., *Asst. Prof. For.*
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Forestry—Continued.
*†A. D. Smith, M. S., *Asst. Prof. and Coop. in Range Mgt.*
*†L. A. Stoddart, Ph. D., *Prof. Range Mgt.; Range Ecol.*

Geology:
*J. S. Williams, Ph. D., *Prof. Geol.*
*William Peterson, B. S., *Prof. Geol.*
*H. V. Church, Jr., Ph. D., *Instr. Geol.*

Home Economics:
*†Mrs. Christine B. Clayton, M. S., *Dean of School, Prof. Foods and Dietetics.*
*Johanna Moen, B. S., *Prof. Textiles and Clothing.*
*Agnes E. Bahlert, M. S., *Asst. Prof. Foods.*
‡Mrs. Effie S. Barrows, B. S., *Home Furnishing Specialist.*
‡Mary Bastow, B. S., *Asst. Specialist in Home Furnishing and Decoration.*
*Elsa B. Bate, M. S., *Assoc. Prof. Child Development.*
†Mrs. Almeda P. Brown, M. A., *Assoc. in Home Econ. Research.*
*Reata Comish, M. A., *Asst. Prof. Foods.*
*Charlotte E. Dancy, R. N., *Asst. Prof. Physiol. and Nursing.*
‡Grace S. Hawkes, B. S., *Asst. Foods and Nutr. Specialist.*
*Lois Holderbaum, M. S., *Asst. Prof. Textiles and Clothing.*
*Bertha F. Johnson, M. A., *Assoc. Prof. Textiles and Clothing.*
‡Elna Miller, M. S., *Ext. Nutr.*
*Mary G. Mytinger, M. S., *Instr. Textiles and Clothing.*
‡Susie H. Sanford, B. S., *Clothing Specialist.*
*Mary M. Shaw, M. S., *Instr. Foods and Nutr.*
*Florence B. Thompson, M. A., *Asst. Prof. Home Econ. Ed.*
*Una Vermillion, M. A., *Asst. Prof. Institutional Mgt.*

Horticulture:
*†F. M. Coe, M. S., *Prof. Hort.; Hort.*
*†L. H. Pollard, Ph. D., *Assoc. Prof. and Head Dept. of Veg. Crops.*
*‡L. S. Morris, M. S., *Assoc. Prof. and Head Dept. of Landsc. Arch.*
†‡A. L. Stark, Ph. D., *Assoc. and Ext. Hort.*

Physics:
*L. B. Linford, Ph. D., *Prof. Phys.*
*†Willard Gardner, Ph. D., *Prof. Phys.; Physicist.*
*Don Kirkham, Ph. D., *Asst. Prof. Phys.*
*L. H. Linford, Ph. D., *Asst. Prof. Phys.*

Poultry Husbandry:
*†‡Byron Alder, B. S., *Prof. Poultry Husb.; Poultryman.*
‡R. J. Blackham, B. S., *Ext. Poultryman.*
*‡Carl Frischknecht, M. S., *Asst. Prof. and Ext. Poultryman.*

Veterinary Science:
*†D. E. Madsen,[1] B. S., D. V. M., *Prof. Vet. Sci.; An. Path.*
*†Wayne Binns, B. S., D. V. M., *Asst. Prof. Vet. Med.; Asst. An. Path.*
†R. S. Jackson, A. B., *Sci. Aid (Coop. U. S. D. A.).*
†W. H. Krull, Ph. D., *Parasit. (Coop. U. S. D. A.).*
†H. M. Nielsen, M. S., *Agt. (Coop. U. S. D. A.).*

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[1] On leave.
[2] In cooperation with Branch Agricultural College, Cedar City.
[3] For subject matter workers see the respective division, i. e., agronomy and soils, animal husbandry, etc.

Zoology and Entomology

*†W. W. Henderson, Ph. D., *Prof. Zool. and Ent.; Ent.*
†H. E. Dorst, M. A., *Asst. Ent.* (*Coop. U. S. D. A.*).
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†G. F. Knowlton, Ph. D., *Assoc. Ent.*
†C. J. Sorenson, M. S., *Assoc. Ent.*
*J. S. Stanford, Ph. D., *Asst. Prof. Zool. and Ent.*

Miscellaneous:

†D. A. Burgoyne, M. S., *Exec. Secy.*
*L. H. Kirkpatrick, M. A., *Libr.*
‡N. P. Olsen, B. S., *Ext. Secy.*

Substations:

Davis County Substa., *P. O., Farmington*—L. H. Pollard, Ph. D., *Supt.*
Nephi Dry-Land Substa., *P. O., Nephi*—A. F. Bracken, M. S., *Supt.*

VERMONT

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‡J. E. Carrigan, M. A., *Dir. Agr. Ext. Service.*
*†G. P. Burns, Ph. D., *Asst. Dean Coll. of Agr., Asst. Dir. of Sta.*
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†D. E. Dunklee, M. S., *Asst. Agron.*
*‡P. R. Miller, M. S., *Prof. and Ext. Agron.*
†W. O. Mueller, M. S., *Asst. Agron.*
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*†H. B. Ellenberger, Ph. D., *Prof. An. and Dairy Husb.; An. and Dairy Husb.*
†O. M. Camburn, M. S., *Assoc. An. and Dairy Husb.*
*†M. H. Campbell, Ph. D., *Prof. Dairy Prod.; Assoc. An. and Dairy Husb.*
†J. M. Frayer, M. S., *Assoc. Dairy Bact.*
*R. H. Granger, M. S., *Instr. Poultry Husb.*
‡D. C. Henderson, M. S., *Ext. Poultryman.*
*†E. O. Herreid, Ph. D., *Prof. Dairy Mfg.; An. and Dairy Husb.*
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Botany and Plant Pathology:

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*†B. F. Lutman, Ph. D., *Prof. Plant Path.; Plant Path.*
*†W. R. Adams, Jr., Ph. D., *Assoc. Prof. and Asst. Bot.*
*‡J. D. Dodd, B. S., *Asst. in Bot.*
*†Alexander Gershoy, Ph. D., *Assoc. Prof. and Asst. Bot.*
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‡Mrs. Charlotte P. Brooks, B. S., *Home Mgt. Specialist.*
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*Alida B. Fairbanks, A. M., *Asst. Prof. Home Econ.*
*Doris F. Lake, A. M., *Assoc. Prof. Home Econ.*

[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.
[2] On leave.

Home Economics—Continued.

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†Mrs. Virginia B. Olivo, M. S., *Asst. in Home Econ. Research.*
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*Adelaide Rawson, A. M., *Instr. Home Econ.*
‡Edna E. Sommerfeld, B. S., *Clothing Specialist.*
‡Lydia Tarrant, M. S., *Nutr. Specialist.*

Horticulture:

*†M. B. Cummings, Ph. D., *Prof. Hort.; Hort.*

Horticulture—Continued.

†‡C. H. Blasberg, M. S., *Asst. and Ext. Hort.*
†R. G. Dunning, B. S., *Asst. Hort.*
†E. W. Jenkins, M. S., *Asst. Hort.*

Veterinary Science:

*L. A. Evans, D. V. S., *Instr. Vet. Sci.*

Zoology:

*H. F. Perkins, Ph. D. *Prof. Zool.*
*Mrs. Antoinette H. Loudon, M. S., *Instr. Zool.*
*J. H. Perry, B. S., *Instr. Zool.*
*L. S. Rowell, M. S., *Asst. Prof. Zool.*
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VIRGINIA

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†A. W. Drinkard, Jr., Ph. D., *Dir. of Sta.*
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†W. H. Byrne, M. S., *Ext. Agron.*
‡H. L. Dunton, M. S., *Ext. Asst. Agron.*
†A. L. Grizzard, Ph. D., *Assoc. Agron.*
‡S. F. Grubbs, *Ext. Asst. Agron.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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[1] For subject-matter workers see the respective division; i. e., agronomy and genetics, animal husbandry, etc.

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*†E. M. Searls, Ph. D., *Asst. Prof. Econ. Ent.*

Extension (Admin.): [1]

‡W. W. Clark, M. S., *Assoc. Dir. in charge.*
‡A. M. Mucks, B. S., *Asst. Dir.*
‡Blanche L. Lee, M. A., *State Home Dem. Leader.*
‡T. L. Bewick, M. S., Ph. M., *State Club Leader.*
‡Geneva L. Amundson, B. S., *Asst. State Club Leader.*
‡Mrs. Blanche M. Hedrick, M. A., *Ext. Specialist.*
‡E. A. Jorgensen, B. S., *Dist. Ext. Agt.*
‡Wakelin McNeel, B. S., *Asst. State Club Leader.*
‡R. B. Pallett, B. S., *Dist. Ext. Leader.*
‡Josephine Pollock, M. A., *Asst. State Home Dem. Leader.*
‡W. A. Rowlands, B. S., *Dist. Ext. Leader.*
‡Grace L. Rowntree, B. S., *Asst. State Club Leader.*
‡B. F. Rusy, B. S., *Dist. Ext. Leader.*
‡V. V. Varney, B. S., *Asst. State Club Leader.*

Genetics:

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*†A. B. Chapman, Ph. D., *Asst. Prof. Genetics.*
*†L. J. Cole, Ph. D., *Prof. Genetics.*
*†D. C. Cooper, Ph. D., *Asst. Prof. Genetics.*
†R. W. Cumley, Ph. D., *Research Assoc. in Genetics.*
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Home Economics:

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*Cecelia F. Abry, M. S., *Asst. Prof. Home Econ.*
*Helen L. Allen, M. A., *Asst. Prof. Home. Econ.*
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‡Mrs. Charlotte C. Buslaff, B. S., *Ext. Asst. Prof. Home Econ.*
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*Gladys J. Everson, M. S., *Instr. Home Econ.*
*Irene M. Haan, M. S., *Instr. Home Econ.*
‡Wealthy M. Hale, B. S., *Ext. Asst. Prof. Home Econ.*
*Ruth A. Henderson, M. A., *Asst. Prof. Home Econ.*
*Mrs. Julia L. Hill, M. S., *Instr. Home Econ.*
*†Dorothy L. Hussemann, M. S., *Asst. Prof. Home Econ.*
‡Clara E. Jonas, M. A., *Ext. Instr. Home Econ.*
*Marion A. Juaire, M. S., *Assoc. Prof. Home Econ.*
*Harriet B. Kleinsorge, B. S., *Instr. Home Econ.*
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*Juliet Mayer, M. S., *Instr. Home Econ.*
‡Mrs. Margaret P. McCordic, B. S., *Ext. Instr. Home Econ.*
‡Gladys L. Meloche, M. S., *Ext. Assoc. Prof. Home Econ.*
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*Mrs. Ruth S. Randolph, M. A., *Assoc. Prof. Home Econ.*
*Mrs. May S. Reynolds, Ph. D., *Assoc. Prof. Home Econ.*
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*Betty A. Schlimgen, B. S., *Instr. Home Econ.*
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†Catherine T. Walliker, M. S., *Asst. Home Econ.*

Horticulture:

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†‡O. B. Combs, M. S., *Instr. Hort.*
†R. W. Fulton, Ph. D., *Asst. in Hort.*
‡L. G. Holmes, B. S., *Ext. Asst. Prof. Hort.*
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†G. H. Rieman, Ph. D., *Assoc. Prof. Hort.*
*†‡R. H. Roberts, Ph. D., *Prof. Hort.*
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Journalism (Agr.):

*†‡A. W. Hopkins, B. L., *Prof. and Chair. of Dept.; Agr. Editor.*
‡M. E. Bliss, B. S., *Ext. Instr. Agr. Journalism.*
‡M. R. Haag, B. S., *Ext. Asst. in Agr. Journalism.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Plant Pathology:

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*‡R. E. Vaughan, M. S., *Prof. Plant Path.*
*†J. C. Walker, Ph. D., *Prof. Plant Path. (Coop. U. S. D. A.).*
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Poultry Husbandry:

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*†W. W. Cravens, Ph. D., *Instr. Poultry Husb.*
‡J. B. Hayes, B. S., *Ext. Prof. Poultry Husb.*
*†C. E. Holmes, Ph. D., *Asst. Prof. Poultry Husb.*

Short Course:

*V. E Kivlin, M. S., *Prof. and Dir. of Course.*
*J. R. Barton, B. A., B. D., *Assoc. Prof. (Rural Sociol.).*
*G. M. Briggs, B. S., *Assoc. Dir. and Prof. (Agron.).*
*H. L. Ewbank, Ph. D., *Prof. (Rural Sociol.).*
*M. C. Riley, LL. B., *Lect. (Agr. Econ.).*
*W. R. Sur, M. A., *Instr. in Short Course.*

Sociology (Rural):

*†J. H. Kolb, Ph. D., *Prof. and Chair. of Dept.*
‡M. P. Anderson, M. P., *Ext. Instr. Rural Sociol.*
*J. R. Barton, B. A., B. D., *Assoc. Prof. Rural Sociol.*
‡H. L. Ewbank, Ph. D., *Ext. Prof. Rural Sociol.*
†G. W. Hill, Ph. D., *Assoc. Prof. Rural Sociol.*
‡Mrs. Marie J. Kolb, M. A., *Ext. Instr. Rural Sociol.*
‡Almere L. Scott, B. A., *Ext. Assoc. Prof. Rural Sociol.*
‡D. E. Vornholt, M. A., *Ext. Asst. in Rural Sociol.*
*††‡A. F. Wileden, M. S., *Assoc. Prof. Rural Sociol.*

Soils:

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†A. R. Albert. B. S., *Assoc. Prof. Soils (P. O., Hancock).*

Soils—Continued.

‡C. J. Chapman, B. S., *Ext. Prof. Soils.*
*†E. J. Graul, M. S., *Prof. Soils.*
‡H. H. Hull, Ph. D., *Ext. Instr. Soils.*
*†R. J. Muckenhirn, Ph. D., *Asst. Prof. Soils.*
†L. B. Nelson, Ph. D., *Instr. Soils.*
*††‡A. R. Whitson, B. S., *Prof. Soils.*
*†S. A. Wilde, D. Tech. Sc., *Assoc. Prof. Soils (Coop. U. S. D. A.).*
‡O. R. Zeasman, B. S., *Ext. Assoc. Prof. Soils.*

Statistical Service (Agr.):

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†Frieda S. Swed, M. A., *Asst. in Agr. Statistics.*

Veterinary Science:

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†F. Louise Wipf, Ph. D., *Asst. in Vet. Sci.*
†‡Walter Wisnicky, B. S., D. V. M., *Prof. Vet. Sci.*

Wildlife Management:

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*††‡Vivian J. Horn, B. A., *Asst. in Wildlife Mgt.*

Miscellaneous:

*O. F. Anderson, B. S., *Asst. in Admin.*
*J. S. Curry, *Artist in Residence.*
*†C. S. Hean, B. A., *Libr.*
*Mrs. Josephine Shealy, *Asst. Libr.*
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A. L. Bibby, B. S., *Asst. in Branch Stas. (P. O., Spooner).*
D. H. Holt, B. S., *Asst. in Branch Stas. (P. O., Ashland).*
L. A. Plzak, B. S., *Asst. in Branch Stas. (P. O., Sturgeon Bay).*
A. M. Strommen, Ph. D., *Instr. in Branch Stas. (P. O., Spooner).*
Hancock, Coddington, and Marshfield Branch Expt. Stas.—
A. R. Albert. B. S., *in charge (P. O., Hancock).*
C. J. Kindschi, B. S., *Asst. in Branch Stas. (P. O., Hancock).*
Upper Miss. Erosion Expt. Sta., *P. O., La Crosse*—
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WYOMING

College of Agriculture and the Agricultural Experiment Station of the University of Wyoming, *Laramie*

*College faculty. †Station staff. ‡Extension staff.

——— ———*President of University.*
*†J. A. Hill, B. S., *Dean Coll. of Agr., Dir. of Sta., Wool Specialist.*
‡A. E. Bowman, B. S., *Dir. of Ext. Work in Agr. and Home Econ.*
*†F. T. Heathman, *Deputy Treasurer.*

Agronomy and Economics (Agr.):
*†A. F. Vass, Ph. D., *Prof. and Chair. of Dept.; Agron.*
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Botany and Forestry:[2]
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*†Aven Nelson, Ph. D., D. Sc., LL. D., *Prof. Bot.; Bot. and Hort.*
*H. T. Northen, Ph. D., *Asst. Prof. Bot.*
*C. L. Porter, Ph. D., *Assoc. Prof. Bot.*

Chemistry (Agr.):
*P. T. Miller, M. A., *Prof. and Chair. of Dept.*
†O. A. Beath, M. A., *Research Chem.*
†W. B. Bradley, Ph. D., *Asst. Pharmacol.*
†H. F. Eppson, M. S., *Asst. Research Chem.*
*F. C. Freytag, Ph. D., *Assoc. Prof. Chem.*
†C. S. Gilbert, M. A., *Assoc. Research Chem.*

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Economics—See **Agronomy.**

Education (Agr.):
*S. H. Dadisman, M. S., *Prof. Voc. Ed.*
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Entomology and Apiculture:
†C. H. Gilbert, M. S., *Assoc. Research Apiculturist.*
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†E. C. Holst, Ph. D., *Asst. Bact. (Coop. U. S. D. A.).*
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‡Mary G. Collopy, B. S., *State Home Dem. Leader.*
‡B. W. Marston, B. S., *State Club Leader.*
‡Gladys H. Oller, B. S., *Asst. State Club Leader.*

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*Viola M. Beery, M. S., *Asst. Prof. Institution Admin.*
*Ruth Bumpas, M. S., *Asst. Prof. Clothing and Textiles.*
‡Bernice Forest, M. S., *Clothing Specialist.*
*Mrs. Verna J. Hitchcock, M. S., *Asst. Prof. Homemaking and Parent Ed.*
‡Evangeline Jennings, B. S., *Foods and Nutr. Specialist.*
†Ellen R. Lindstrom, M. S., *Home Mgt. Specialist.*
*Veva E. Lukin, M. A., *Asst. Prof. Teacher Training in Home Econ.*
*†Emma J. Thiessen, M. A., *Asst. Prof. and Research Asst. Home Econ.*

Horticulture:
‡W. O. Edmondson, B. S., *Ext. For. and Hort.*

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[1] On leave.
[2] Courses given in Division of Letters and Science.
[3] For subject-matter workers see the respective division; i. e., agronomy and economics (agr.), animal production, etc.

Veterinary Science and Bacteriology:

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*†Mary E. Turner, Ph. D., *Tech.* (*Coop. U. S. D. A.*).

Zoology:

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*L. F. Clark, Ph. D., *Assoc. Prof. Zool.*
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*A. B. Mickey, M. A., *Asst. Prof. Zool.*
*W. B. Owen, Ph. D., *Asst. Prof. Zool.*
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Miscellaneous:

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Experiment Farms:

W. L. Quayle, B. S., *Dir. of Expts. and Expt. Farms.*
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Campbell County Expt. Farm, *P. O., Gillette*—P. K. Thompson, B. S., *Supt.*
Fremont County Expt. Farm, *P. O., Lander*—George Steinbrech, *Actg. Supt.*
Goshen County Expt. Farm, *P. O. Torrington*—L. H. Paules, B. S., *Supt.*
Lincoln County Expt. Farm, *P. O., Afton*—R. J. Hyer, B. S., *Supt.*
Sheridan Field Sta. (Coop. U. S. D. A.) *P. O., Sheridan*—R. S. Towle, B. S., *Supt.*
Sweetwater County Expt. Farm, *P. O., Eden*—J. C. Sims, *Supt.*
Uinta County Expt. Farm, *P. O., Lyman*—T. J. Brough, *Supt.*

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Moore, Mrs. E. M., 85b.
Moore, E. N., 118a.
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Moore, F. B., 32b.
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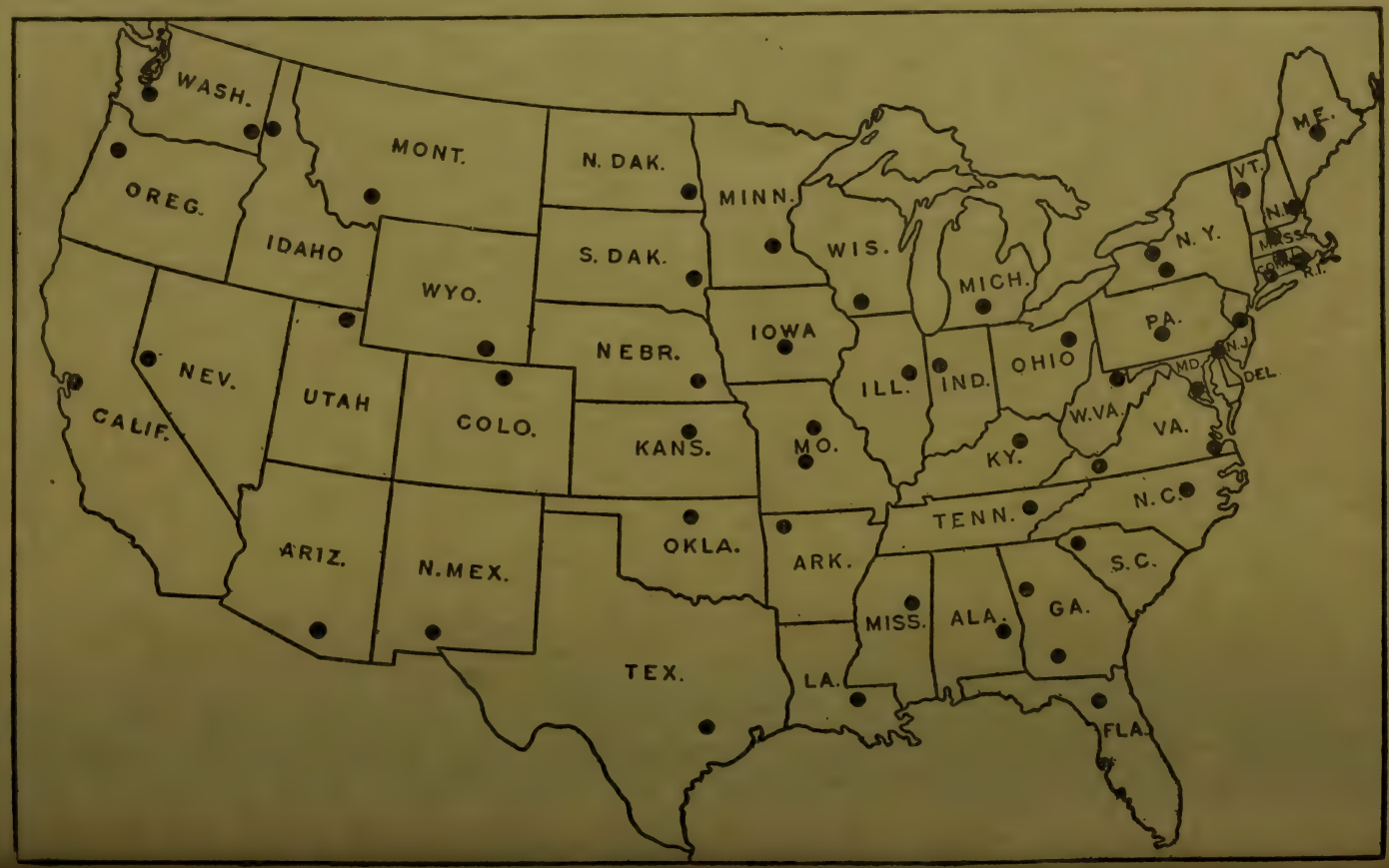

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UNITED STATES
DEPARTMENT OF AGRICULTURE
Miscellaneous Publication No. 480

Washington, D. C. May 1942

WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN LAND-GRANT COLLEGES AND EXPERIMENT STATIONS

1941–42

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TITLES AND SERIES OF PUBLICATION SINCE THE FIRST ISSUE IN 1889

Organization of the Agricultural Experiment Stations in the United States. 1889. (Published as U. S. Dept. Agr., Off. Expt. Stas. Bul. 1.)

Organization Lists of the Agricultural Experiment Stations, and Agricultural Schools and Colleges in the United States. 1890. (U. S. Dept. Agr., Off. Expt. Stas. Bul. 5.)

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Superseded by List of Workers in Subjects Pertaining to Agriculture and Home Economics in the U. S. Department of Agriculture and the State Agricultural Colleges and Experiment Stations. (Unnumbered series running through 1921–22.)

1914. The 1913 edition corrected to June 1914.
1915. Corrected to August 1, 1915.
1916. None published—corrections brought to January 1917.

List of Workers in Subjects Pertaining to Agriculture and Home Economics. Part 1, United States Department of Agriculture. Part 2. State Agricultural Colleges and Experiment Stations.

1917–18.
1918–19. ["Marketing" added to title for this issue only.]
1919–20. Not published.
1920–21.
1921–22.
1922–23. Issued as Misc. Circ. 4 (pt. 1 not published).
1923–24. Issued as Misc. Circ. 17 (pt. 1 not published).

Title changed to "List of Workers in Subjects Pertaining to Agriculture in State Agricultural Colleges and Experiment Stations," 1924–25. Misc. Circ. 34.

Workers in Subjects Pertaining to Agriculture in State Agricultural Colleges and Experiment Stations.

1925–26. Misc. Circ. 58.
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1934–35. Misc. Pub. 214.
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1940–41. Misc. Pub. 420.
1941–42. Misc. Pub. 480.

UNITED STATES
DEPARTMENT OF AGRICULTURE
Miscellaneous Publication No. 480

Washington, D. C. May 1942

WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN LAND-GRANT COLLEGES AND EXPERIMENT STATIONS

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By BETTY T. RICHARDSON
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KEY TO ABBREVIATIONS

Acct., Accountant, Accounts.
Actg., Acting.
Admin., Administration, Administrative.
Agr., Agriculture, Agriculturist, Agricultural.
Agron., Agronomy, Agronomist.
Agt., Agent.
An., Animal.
Anal., Analytical, Analysis.
Anat., Anatomy.
Arch., Architect, Architecture, Architectural.
Assoc., Associate, Association.
Asst., Assistant.
Bact., Bacteriology, Bacteriologist.
Biochem., Biochemist, Biochemistry, Biochemical.
Biol., Biology, Biologist, Biological.
Bldg., Building(s).
Bot., Botany, Botanist, Botanical.
Brdg., Breeding.
Bul., Bulletin.
Chair., Chairman.
Chem., Chemistry, Chemist, Chemical.
Climat., Climatology, Climatologist.
Coll., College.
Collab., Collaborator, Collaborating.
Comn., Commission.
Comp., Comparative.
Comr., Commissioner.
Conserv., Conservation, Conservationist.
Consult., Consulting, Consultant.
Coop., Cooperation, Cooperative, Cooperator.
Corresp., Correspondence, Correspondent.
Dem., Demonstration, Demonstrator.
Dept., Department.
Dir., Director.
Dist., District.
Div., Division.
Dom., Domestic.
Ecol., Ecology, Ecologist, Ecological.
Econ., Economy, Economic(s), Economist.
Ed., Education, Educational.
Engin., Engineer, Engineering.
Ent., Entomology, Entomologist, Entomological.
Equip., Equipment.
Erad., Eradication.
Exec., Executive.
Expt., Experiment, Experimental, Experimentalist.
Ext., Extension.
Fert., Fertility, Fertilizer.
Flor., Floriculture, Floriculturist, Floricultural.
For., Forestry, Forester.
Gard., Gardening, Gardener.
Gen., General.
Geog., Geography.
Geol., Geology, Geologist, Geological.
Grad., Graduate.
Histol., Histology, Histologist.
Hon., Honorary.
Hort., Horticulture, Horticulturist, Horticultural.
Husb., Husbandry, Husbandman.
Hyg., Hygiene.
Illus., Illustration, Illustrative.
Indus., Industry, Industrial, Industries.
Inorg., Inorganic.
Insp., Inspection, Inspector.
Instr., Instructor, Instruction.
Insts., Institutes.
Invest., Investigations, Investigational, Investigator.
Irrig., Irrigation, Irrigationist.
Lab., Laboratory.
Landsc., Landscape.
Lect., Lecturer.
Libr., Library, Librarian.
Mach., Machine, Machinery.
Mech., Mechanics, Mechanical.
Med., Medicine, Medical.
Met., Meteorology, Meteorologist.
Mfg., Manufacturing.
Mfrs., Manufactures.
Mgr., Manager.
Mgt., Management.
Microbiol., Microbiology, Microbiologist.
Mktg., Marketing.
Morphol., Morphology, Morphologist.
Mycol., Mycology, Mycologist.
Nutr., Nutrition, Nutritionist.
Oler., Olericulture, Olericulturist.
Org., Organic.
Organ., Organization(s).
Ornith., Ornithology, Ornithologist.
Parasit., Parasitology, Parasitologist.
Path., Pathology, Pathologist, Pathological.
Pedag., Pedagogy, Pedagogics.
Pharm., Pharmacy, Pharmacist, Pharmaceutical.
Pharmacol, Pharmacology, Pharmacologist.
Photog., Photography, Photographer.
Phys., Physics, Physical.
Physiol., Physiology Physiologist, Physiological.
Phytopath., Phytopathology, Phytopathologist, Phytopathological.
P. O., Post Office.
Pomol., Pomology, Pomologist, Pomological.
Pract., Practice, Practical.

Prep., Preparatory.
Pres., President.
Prin., Principal.
Prod., Production.
Prof., Professor.
Pubs., Publications.
Res., Research.
Sci., Science, Scientist, Scientific.
Sect., Section.
Secon., Secondary.
Secy., Secretary.
Sociol., Sociology, Sociologist.
Spec., Special, Specialist(s).
Sta., Station.
Stat., Statistics, Statistical, Statistician.
Subsect., Subsection.
Substa., Substation.
Supt., Superintendent.
Supvr., Supervisor.
Surg., Surgery.
Tech., Technical, Technician.
Technol., Technology, Technologist.
Treas., Treasurer.
Trop., Tropical.
Univ., University.
Veg., Vegetable, Vegetation.
Vet., Veterinary, Veterinarian.
Vit., Viticulture, Viticulturist, Viticultural.
Voc., Vocational.
Zool., Zoology, Zoologist, Zoological.

LAND-GRANT COLLEGES AND EXPERIMENT STATIONS[1]

ALABAMA

Schools of Agriculture and Home Economics and the Agricultural Experiment Station of the Alabama Polytechnic Institute, *Auburn*

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*†M. J. Funchess, M. S., D. Sc., *Dean School of Agr., Dir. of Sta.*
‡P. O. Davis, B. S., *Dir. of Agr. Ext. Service.*
*†M. A. Glenn, *Treasurer.*

Agronomy and Soils:

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†H. R. Albrecht, Ph. D., *Asst. Agron.*
‡J. T. Belue, B. S., *Crop Improvement Spec.*
†F. E. Bertram, B. S., *Asst. in Agron.* (*P. O., Prattville*).
†C. L. Breedlove, *Asst. in Agron.*
†J. B. Dick, B. S., *Assoc. Agron.* (*Coop. U. S. D. A.*)
*†R. J. Jones, Ph. D., *Asst. Prof. and Asst. Soil Chem.*
‡J. C. Lowery, B. S., *Ext. Agron.*
†E. L. Mayton, M. S., *Assoc. Agron.*
†J. W. McClendon, B. S., *Asst. in Agron.*
*†J. A. Naftel, Ph. D., *Assoc. Prof. and Assoc. Soil Chem.*
*†R. W. Pearson, Ph. D., *Assoc Prof. and Assoc. Soil Chem.*
†H. W. Reuszer, Ph. D., *Agt.* (*U. S. D. A.*).
†E. C. Richardson, M. S., *Soil Conserv. Project Supvr.* (*Coop U S. D A.*).
†J. W. Richardson, B. S., *Asst. Agron.* (*P. O., Brewton*).
*T. H. Rogers, M. S., *Assoc. Prof. Agron.*
*†Anna L. Sommer, Ph. D., *Assoc. Prof. and Assoc. Soil Chem.*
*†D. G. Sturkie, Ph. D., *Assoc. Prof. and Assoc. Agron.*
†H. B. Tisdale, M. S., *Assoc. Plant Breeder.*
*†G. W. Volk, Ph. D., *Assoc. Prof. and Assoc. Soil Chem.*
†J. T. Williamson, B. S. *Assoc. Agron.*

Animal Industry:

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*A. D. Burke, M. S., *Prof. Dairying.*
‡F. W. Burns, M. S., *Ext. An. Husb.*
*†G. J. Cottier, M. A., *Assoc. Prof. and Assoc. Poultry Husb.*
*W. H. Eaton, B. S., *Assoc. Prof. Dairying.*
†R. W. Engel, Ph. D., *Assoc. An. Nutr.*
*J. G. Goodman, M. S., *Asst. Prof. Poultry Husb.*
‡W. H. Gregory, B. S., *Ext. An. Husb.*
‡J. E. Ivey, M. S., *Ext. Poultryman.*
*†D. F. King, M. S., *Assoc. Prof. and Assoc. Poultry Husb.*
*†C. J. Koehn, Ph. D., *Assoc. Prof. and Assoc. An. Nutr.*
*A. H. Quinn, B. S., *Instr. An. Husb.*
†W. D. Salmon, M. A., *An. Nutr.*

Animal Industry—Continued.

*†W. E. Sewell, M. A., *Prof. An. Husb.; An. Husb.*
†W. C. Sherman, Ph. D., *Assoc. An. Nutr.*
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Botany and Plant Pathology:

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*F. E. Brantley, B. S., *Asst. Chem.*
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†W. K. McPherson, M. S., *Assoc. Agr. Econ.*

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*†C. K. Brown, A. B., *Agr. Editor.*
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‡E. L. McGraw, B. S., *Asst. Agr. Editor.*

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*S. L. Chesnutt, M. A., *Prof. Agr. Ed.*
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[1] In the preparation of this publication Miss Richardson was assisted by Mrs. Thelma C. Sanborn of the Office of Experiment Stations.

Only the names of persons directly engaged in teaching, research, or demonstration in agriculture and home economics are included in the compilation.

When the title of the position in the station differs from that in the college the latter is given first.

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*G. T. Sargent, M. S., *Prof. Agr. Ed.*
*C. C. Scarborough, M. S., *Asst. Supvr. Agr. Ed*
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‡E. H. Chambers, B. S., *Asst. Ext. Agr. Engin. (P. O., Athens).*
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‡H. W. Dearing, Jr., B. Arch. E., *Asst. Ext. Agr. Engin.*
‡S. R. Doughty, B. S., *Ext. Soil Conserv.*
†E. D. Gordon, M. S., *Assoc. Agr. Engin. (Coop. U. S. D. A.).*
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Extension (Admin.): [1]

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‡J. L. Lawson, B. S., *Asst. Dir.*
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‡Elizabeth DeLony, B. S., *State Leader for Club Girls.*
‡G. J. Fowler, B. S., *State Leader for Club Boys.*
‡T. A. Sims, B. S., *State 4–H Club Leader.*

Home Economics:

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*Florence P. Davis, M. S., *Asst. Prof. Home Econ.*
*Beatrice Finkelstein, M. S., *Instr. Home Econ.*
*Dana K. Gatchell, M. S., *Prof. Home Econ.*
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Horticulture and Forestry:

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‡H. S. Fisher, B. L. A., *Ext. Landsc. Gard.*
*†Hubert Harris, B. S., *Instr. and Asst. in Hort.*
*†C. L. Isbell, Ph. D., *Prof. Hort.; Hort.*
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*W. L. Lear, B. S., *Asst. Prof. For.*
‡I. R. Martin, B. S., *Asst. Ext. For.*
*†E. W. McElwee, M. S., *Assoc. Prof. and Assoc. Hort.*
*†H. A. Nation, M. S., *Instr. and Asst. in Hort.*
‡W. A. Ruffin, M. S., *Ext. Hort.*

Special Investigations:

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Veterinary Medicine:

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*W. E. Cotton, D. V. M., *Prof. Infectious Diseases.*
*T. C. Fitzgerald, D. V. M., M. S., *Prof. Vet. Anat. and Histol.*
*J. E. Greene, D. V. M., M. S., *Asst. Prof. Vet. Med.*
*K. S. Harmon, D. V. M., *Instr. Vet. Med.*
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*M. O. Robinson, D. V. M., *Prof. Bact.*
*J. W. Scales, D. V. M., M. S., *Assoc. Prof. An. Path.*
*E. S. Winters, B. S., D. V. M., *Assoc. Prof. Physiol.*
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†H. S. Swingle, M. S., *Fish Culturist.*

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*‡W. T. Ingram, *Purchasing Agt. and Acct.*
*†Mary E. Martin, *Libr.*
*†W. H. Weidenbach, B. S., *Exec. Secy.*
*†Sara Willeford, B. S., *Agr. Libr.*

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K. G. Baker, B. S., *Supt.*
T. B. Chisholm, B. A., *Asst. to Supt.*
Gulf Coast Substa., *P. O., Fairhope*—
Otto Brown, M. S., *Supt.*
H. F. Yates, B. S., *Asst. Supt.*
Sand Mountain Substa., *P. O., Crossville*—
R. C. Christopher, B. S., *Supt.*
S. E. Gissendanner, B. S., *Asst. Supt.*

[1] For subject-matter workers see the respective division; i. e., agronomy and soils, animal industry, etc.

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Tenn. Valley Substa., *P. O., Belle Mina*—
Fred Stewart, B. S., *Supt.*
J. K. Boseck, B. S., *Asst. Supt.*

Substations—Continued.

Wiregrass Substa., *P. O., Headland*—
J. P. Wilson, B. S., *Supt.*
C. A. Brogden, B. S., *Asst. Supt.*
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*Ruth A. Bryant, B. S., *Home Econ.*
*Addie M. Butler, B. S., *Supvr. Home Econ.*
*R. A. Carter, M. S., *Sci.*
*V. M. Chambers, M. S., *Biol.*
*T. J. Dumas, B. S., *Hort.*
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‡W. T. Gravitt, *Agr. Dem. Agt.*
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Chemistry:

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Extension (Agr.):

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‡Lydia Fohn-Hansen, B. S., *Home Dem. Leader.*
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Agricultural Experiment Station (Main Station at Fairbanks; Substations at Matanuska and Petersburg):

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W. J. Ebert, B. S., *Dairyman, Matanuska.*
D. L. Irwin, B. S., *Agron. in charge, Matanuska.*
J. R. Leekley, B. S., *An. Path in charge, Petersburg.*

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*†R. S. Hawkins, Ph. D., *Vice Dean of Coll., Vice Dir. of Sta.*
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†Karl Harris, M. A., *Assoc. Irrig. Engin. (Coop. U. S. D. A.: P. O., Phoenix).*
‡R. L. Matlock, Ph. D., *Ext. Agron.*
*†T. J. Smith, Ph. D., *Instr. and Asst. Agron.*

Animal Husbandry:

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*†C. L. Bell, M. S., *Instr. and Asst. An. Husb.*
†J. T. Rigden, B. S., *Ext. An. Husb.*
*†M. E. Robinson, M. S., *Instr. and Asst. An. Husb.*

Animal Husbandry—Continued.

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Animal Pathology:

*†W. J. Pistor, B. S., D. V. M., *Head of Dept.*
†Bertha E. Davison, Ph. D., *Asst. in An. Path.*

Botany and Range Ecology:

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*†J. J. Thornber, A. M., *Prof. Bot.; Taxonomist.*
*†L. D. Benson, Ph. D., *Asst. Prof. and Asst. Bot.*
*†R. A. Darrow, Ph. D., *Asst. Prof. Bot.; Asst. Range Ecol.*
*†W. S. Phillips, Ph. D., *Asst. Prof. and Asst. Bot.*

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†H. E. Thurber, B. S., *Field Asst. in Bot. and Range Ecol.*

Chemistry (Agr.) and Soils:
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†J. F. Breazeale,[1] B. S., *Res. Biochem. (Coop. U. S. D. A.).*
*†T. F. Buehrer, Ph. D., *Prof. Agr. Chem.; Phys. Chem.*
†G. E. Draper, M. S., *Asst. Agr. Chem. (P. O., Phoenix).*
†R. H. Kellner, B. S., *Asst. Agr. Chem.*
*†W. P. Martin, Ph. D., *Asst. Prof. and Asst. Soil Microbiol.*
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Dairy Husbandry:
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*†R. N. Davis, M. S., *Prof. and Assoc. Dairy Husb.*
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‡C. F. Rowe, B. S., *Dairying Spec.*

Economics (Agr.) and Rural Sociology:
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*†E. D. Tetreau, Ph. D., *Prof. Rural Sociol.; Rural Sociol.*
†N. O. Thompson, M. S., *Asst. Agr. Econ.*

Education (Agr. and Home Econ.):
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*Faye C. Jones, M. A., *Assoc. Prof. Voc. Ed. in Home Econ.*
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†L. J. Booher, B. S., *Asst. Agr. Engin.*
*†H. C. Schwalen, M. S., *Prof. and Assoc. Agr. Engin.*
‡W. A. Steenbergen, B. S., C. E., *Soils and Irrig. Spec.*

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Extension (Admin.): [2]
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‡Jean M. Stewart, M. A., *State Leader Home Dem. Work.*
‡E. M. Rovey, B. S., *Boys' and Girls' Club Spec.*
‡E. M. Mercer, *Rodent Control Spec. (Coop. U. S. D. I.: P. O., Phoenix).*

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‡Lola T. Dudgeon, M. S., *Nutr. Spec.*
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*Mildred R. Jensen, M. A., *Asst. Prof. Home Econ.*
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*Mary A. Wood, M. S., *Asst. Prof. Institutional Mgt.*

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*†W. E. Martin, Ph. D., *Assoc. Prof. and Assoc. Hort.*
‡H. F. Tate, B. S., *Ext. Hort.*
†C. W. Van Horn, M. S., *Asst. Hort. (P. O., Yuma).*

Human Nutrition:
†Mrs. Margaret C. Smith, Ph. D., *Nutr. Chem.*
†Mrs. Louise O. Burlinson, Ph. D., *Assoc. Nutr. Chem.*
†Helen E. Archer, M. S., *Lab. Asst.*

Plant Breeding:
*†W. E. Bryan, M. S., *Head of Dept.*
*†E. H. Pressley, M. S., *Prof. Plant Brdg.; Assoc. Plant Breeder.*

Plant Pathology:
*†J. G. Brown, Ph. D., *Head of Dept.*
‡M. F. Gottlieb, B. S., *Ext. Plant Path. (P. O., Phoenix).*
*†W. G. Hoyman, Ph. D., *Asst Prof. and Asst. Plant Path.*
*†R. B. Streets, Ph. D., *Assoc. Prof. and Assoc. Plant Path.*

Poultry Husbandry:
*†Harry Embleton, B. S., *Head of Dept.*
*†H. B. Hinds, M. S., *Assoc. Prof. and Assoc. Poultry Husb.*
‡C. F. Rowe, B. S., *Poultry Spec.*

Miscellaneous:
*W. H. Carlson, M. A., *Libr.*
*†Elizabeth Abercrombie, M. A., *Pubs. Editor.*
‡H. K. Behn, S. B., *Radio Dir.*

Substations:
Hort. Research Lab., *P. O., Tempe*—
R. H. Hilgeman,[1] B. S., *Supt.*
Salt River Valley Expt. Farm, *P. O., Mesa*—
D. C. Aepli, *Supt.*
University Farm, *P. O., Tucson*—
C. D. Wilson, M. A., *Supt.*
University Poultry Farm, *P. O., Tucson*—
F. W. Richardson, B. S., *Supt.*
Yuma Valley and Mesa Farms, *P. O., Yuma*—
G. H. Seamans, *Supt.*
J. B. Smith, *Asst. Supt.*

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[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

ARKANSAS

College of Agriculture and the Agricultural Experiment Station of the University of Arkansas, *Fayetteville*

*College faculty. †Station staff. ‡Extension staff.

*A. M. Harding, Ph. D., *President of University.*
*†‡W. R. Horlacher, Ph. D., *Dean Coll. of Agr., Dir. of Sta., Dir. of Agr. Ext. Service.*
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*†‡M. A. Jeter, B. S., *Asst. to the Dean and Dir.*
*†T. C. Carlson, B. A., *Treasurer.*

Agronomy:
*†R. P. Bartholomew, Ph. D., *Prof. and Head of Dept.*
*†J. O. Dockins, B. S., *Instr. and Asst. Agron.*
*†L. O. Fine, Ph. D., *Instr. and Asst. Agron.*
*†L. C. Kapp, Ph. D., *Asst. Prof. and Asst. Agron.*
*†C. K. McClelland, M. S., *Assoc. Prof. and Assoc. Agron.*
‡Dale McGregor, B. S., *Ext. Soil Conserv. (P. O., Little Rock).*
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‡C. F. Simmons, Ph. D., *Ext. Agron. (P. O., Little Rock).*
*†M. A. Sprague, M. S., *Instr. and Asst. Agron.*
‡C. A. Vines, B. S., *Asst. Ext. Agron. (P. O., Little Rock).*
*†O. R. Younge, Ph. D., *Asst. Prof. and Asst. Agron.*

Animal Industry:
*†Warren Gifford, Ph. D., *Prof. and Head of Dept.*
‡Paul Carruth, B. S., *Ext. Dairyman (P. O., Little Rock).*
*†T. J. Claydon, Ph. D., *Instr. and Asst. in Dairy Mfg.*
*†L. E. Harris, Ph. D., *Instr. and Asst. in An. Indus.*
*†S. R. Johnson, Ph. D., *Asst. Prof. and Asst. in An. Indus. (An. Nutr.).*
*P. L. Kelly, Ph. D., *Asst. Prof. and Asst. in An. Indus. (Dairyman).*
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‡M. W. Muldrow, B. S., *Ext. An. Husb. (P. O., Little Rock).*
*†R. M. Smith, M. A., *Instr. and Asst. Poultry Husb.*
*W. H. Wiley, M. S., *Instr. An. Indus.*

Bacteriology and Veterinary Science:
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*†Rebecca Gifford, A. B., D. V. M., *Instr. and Asst. Vet.*
*L. B. Schweiger, M. S., *Instr. Bact. and Vet. Sci.*

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*†M. C. Kik, Ph. D., *Asst. Prof. and Asst. Agr. Chem.*
†Z. W. Ford, Jr., B. S., *Tech.*

Economics (Rural) and Sociology:
*†C. O. Brannen, Ph. D., *Prof. and Head of Dept.*

Economics (Rural) and Sociology—Continued.
*†J. L. Charlton, M. A., *Instr. and Asst. in Rural Econ. and Sociol.*
‡W. M. Cooper, B. S., *Ext. Stat. and Program Development Leader (P. O., Little Rock).*
*†O. J. Hall, M. S., *Asst. Prof. and Asst. Rural Econ. and Sociol.*
*†T. R. Hedges, Ph. D., *Prof. Rural Econ. and Sociol.; Rural Econ. and Sociol.*
†Hilliard Jackson, M. S., *Res. Asst. in Rural Econ. and Sociol.*
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†‡B. H. Mewis, B. J., *Asst. Agr. Editor.*
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*†W. R. Horsfall, Ph. D., *Asst. Prof. and Asst. Ent.*
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Entomology—Continued.

*†M. W. Sanderson, Ph. D., *Instr. and Asst. Ent.*

Extension (Admin.): [1]

‡W. R. Horlacher, Ph. D., *Dir.*
‡A. D. Gates, B. S., *Asst. Dir.* (*P. O., Little Rock*).
‡Connie J. Bonslagel, A. B., *State Home Dem. Agt.* (*P. O., Little Rock*).
‡W. J. Jernigan, B. A., *State Club Agt.* (*P. O., Little Rock*).
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Forestry—See **Horticulture.**

Home Economics:

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*Ella K. Dean, M. S., *Instr. Home Econ.*
‡Mrs. Ida A. Fenton, B. S., *Ext. Econ., Home Mgt.* (*P. O., Little Rock*).
*Nadine A. Harris, M. S., *Asst. in Home Econ. Ed.*
‡Mary E. Loughead, M. A., *Foods and Nutr. Spec.* (*P. O., Little Rock*).
‡Sue Marshall, B. S., *Clothing and Household Arts Spec.*
*Eleanor B. Nations, B. S., *Asst. in Home Econ. Ed.*
*†Howard Reynolds, Ph. D., *Asst. Prof. Home Econ.; Asst. Home Econ. Res.*
*Mildred Stenswick, M. S., *Instr. Home Econ.*
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Horticulture and Forestry:

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‡E. J. Allen, M. S., *Ext. Hort.*
*†J. L. Bowers, M. S., *Instr. and Asst. Hort.*
*†E. D. Marshall, M. S., *Instr. and Asst. For.*
‡F. J. Shulley, M. F., *Ext. For.* (*P. O., Little Rock*).
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Horticulture and Forestry—Continued.

*†J. E. Vaile, Ph. D., *Asst. Prof. and Asst. Hort.*
*†V. M. Watts, Ph. D., *Assoc. Prof. and Assoc. Hort.*

Plant Pathology:

*†V. H. Young, Ph. D., *Prof. and Head of Dept.*
*†H. R. Rosen, Ph. D., *Prof. Plant Path.; Plant Path.*
*†E. M. Cralley, Ph. D., *Assoc. Prof. and Assoc. Plant Path.*
†J. C. Dunegan, M. S., *Orchard Spraying Invest.* (*Coop. U. S. D. A.*).
*†S. B. Locke, Ph. D., *Asst. Prof. and Asst. Plant Path.*
†W. H. Tharp, Ph. D., *Cotton Disease Invest.* (*Coop. U. S. D. A.*).

Veterinary Science—See **Bacteriology.**

Miscellaneous:

*†Margaret Gallaway, *Libr.*

Substations:

Cotton Branch Expt. Sta., *P. O., Marianna*—
J. E. Walker, M. S., *Asst. Dir. in charge.*
E. P. Berry, B. S., *Sci. Asst.*
W. F. Farris, B. S., *Sci. Asst.*
Walter Massey, Jr., B. S. *Sci. Asst.*
Stewart Rowe, *Sci. Asst.*
Fruit and Truck Branch Expt. Sta. (*P. O. Hope*)—
G. W. Ware, M. S., *Asst. Dir. in charge.*
Warren Barham, B. S., *Sci. Asst.*
S. E. McGregor, M. S., *Junior Ent.* (*Coop. U. S. D. A.*).
Amos Underwood, *Sci. Asst.*
Livestock and Forestry Branch Expt. Sta., *P. O., Batesville*—
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C. C. Butler, *Asst. Soil Conserv.* (*Coop. U. S. D. A.*).
Leon Evans, B. S., *Sci. Asst.*
Rice Branch Expt. Sta., *P. O., Stuttgart*—
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C. R. Adair, Ph. D., *Asst. Agron.* (*Coop. U. S. D. A.*).
J. W. Wiser, B. S., *Sci. Asst.*
J. B. Woods, B. S., *Sci. Asst.*

Agricultural, Mechanical, and Normal College, *Pine Bluff*

*Agricultural faculty.

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*C. S. Woodard, M. S., *Dean Div. of Agr. and Voc. Ed.*

*E. G. Dawson, B. S., *Instr. Agr.*
*Lillie Jones, M. A., *Instr. Home Econ.*
*David Mays, M. S., *Instr. Agr.*
*C. W. Molette, B. S., *Agr. and Farm Mgt.*
*Julia L. Palmer, A. B., B. L. S., *Libr.*
*Mrs. Eula D. Peebles, M. S., *Dir. Home Econ. Ed.*
*R. L. Reynolds, M. S., *Asst. Prof. Agr.*
*Fred Spottsville, M. S., *Asst. Prof. Poultry.*
*Marion Taylor, A. B., *Dean of Women.*
*Pinkie E. Thrift, A. M., *Dir. Div. of Home Econ.*
*Alice Washington, M. A., *Instr. Clothing.*

[1] For subject-matter workers see the respective division: i. e., agronomy, animal industry, etc.

CALIFORNIA

College of Agriculture, the Agricultural Experiment Station, and the Departments of Forestry and Home Economics of the University of California

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*R. G. Sproul, B. S., LL. D., Litt. D., *President of University* (*P. O., Berkeley*).
*†C. B. Hutchison, M. S., LL. D., D. Agr. (hon. c.), *Dean Coll. of Agr., Dir. of Sta.* (*P. O., Berkeley*).
‡B. H. Crocheron, M. S., *Dir. of Agr. Ext. Service* (*P. O., Berkeley*).
*†S. B. Freeborn, Ph. D., *Asst. Dean Coll. of Agr., Asst. Dir. of Sta.* (*P. O., Berkeley*).
*†W. H. Chandler, Ph. D., *Asst. Dean Coll. of Agr.* (*P. O., Los Angeles*).
*†K. A. Ryerson, M. S., *Asst. Dean Coll. of Agr.* (*P. O., Davis*).
†L. D. Batchelor, Ph. D., *Dir. of Citrus Expt. Sta.* (*P. O., Riverside*).
——— ——— *Dir. Giannini Foundation of Agr. Econ.* (*P. O., Berkeley*).
*†J. H. Corley, B. S., *Comptroller* (*P. O., Berkeley*).

Berkeley [1]

Agronomy:
*†W. W. Mackie, M. S., *Agron.*
*†A. A. Beetle, Ph. D., *Instr. and Junior Agron.*

Economics (Agr.): [2]
——— ——— *Head of Div., Berkeley, Davis, and Los Angeles.*
*†R. L. Adams, M. S., *Prof. Farm Mgt.; Agr. Econ.*
*†M. R. Benedict, Ph. D., *Prof. Agr. Econ.; Agr. Econ.*
*†Siegfried von Ciriacy-Wantrup, Ph. D., *Assoc. Prof. and Assoc. Agr. Econ.*
*†H. E. Erdman, Ph. D., *Prof. Agr. Econ.; Agr. Econ.*
†G. M. Kuznets, A. B., *Assoc. in Expt. Sta.* (*Agr. Econ.*).
†Mrs. D. Beatrice Mirkowich, Ph. D., *Assoc. in Expt. Sta.* (*Agr. Econ.*).
†S. W. Shear, Ph. D., *Assoc. Agr. Econ.*
*†Mrs. Dorothy S. Thomas, Ph. D., *Prof. Rural Sociol.; Rural Sociol.*
*†J. M. Tinley, Ph. D., *Assoc. Prof. and Agr. Econ.*
*†E. C. Voorhies, B. S., *Prof. Agr. Econ.; Agr. Econ.*
*†David Weeks, C. E., Ph. D., *Assoc. Prof. and Assoc. Agr. Econ.*
*†H. R. Wellman, Ph. D., *Prof. Agr. Econ.; Agr. Econ.*

Editorial:
†W. E. Berg, B. S., *Editor.*
†Mrs. Mary B. Rubo, B. S., *Asst. Editor.*

Entomology and Parasitology:
*†W. B. Herms, M. A., Sc. D., *Head of Div., Berkeley and Davis.*
†A. D. Borden, A. M., *Assoc. Ent.*
*†Roderick Craig, Ph. D., *Asst. Prof. and Asst. Insect Physiol.*
*†E. O. Essig, M. S., *Prof. Ent.; Ent.*
*S. B. Freeborn, Ph. D., *Prof. Ent.*
*†J. H. Freitag, Ph. D., *Instr. and Junior Ent.*
*Florence M. Frost, Ph. D., *Instr. Ent.*
*†W. M. Hoskins, Ph. D., *Assoc. Prof. and Assoc. Ent.*
†W. H. Lange, Ph. D., *Assoc. in Expt. Sta.* (*Ent.: P. O., Salinas*).
*†E. G. Linsley, Ph. D., *Instr. and Junior Ent.*
*†G. F. MacLeod, Ph. D., *Prof. Ent.*
†A. E. Michelbacher, Ph. D., *Junior Ent.*
†H. H. P. Severin, Ph. D., *Assoc. Ent.*
†G. L. Smith, M. S., *Assoc. in Expt. Sta.* (*Ent.: P. O., Shafter*).
†L. M. Smith, Ph. D., *Asst. Ent.* (*P. O., San Jose*).
†E. M. Stafford, Ph. D., *Junior Ent.*

EXTENSION SERVICE (Agr.):

Administrative:
‡B. H. Crocheron, M. S., *Dir.*
‡Claribel Nye, M. A., *Actg. State Home Dem. Leader.*

Berkeley—Continued

EXTENSION SERVICE (Agr.)—Con.

Administrative—Continued.
‡E. Belle Alger, B. S., *Asst. State Home Dem. Leader.*
‡P. C. Barker, B. S., *Asst. State Club Leader, Coast Counties.*
‡Freda A. Bebee, B. S., *Itinerant Asst. Home Dem. Agt.*
‡H. M. Butterfield, M. S., *Spec.* (*Public Service*).
‡C. F. Elwood, B. S., *Asst. Prof. in charge Public Service Office.*
‡T. F. Hunt, B. S., *Assoc. Prof. Agr. Ext. in charge of Unorganized Counties.*
‡T. C. Mayhew, B. S., *Asst. State Leader, Coast Counties.*
‡Mary E. Mies, B. S., *Home Dem. Agt. at Large.*
‡C. W. Rubel, B. S., *Asst. State Leader, Northern Counties.*
‡Fleda E. Smith, B. S., *Asst. State Home Dem. Leader.*
‡L. B. Smith, B. S., *Asst. State Leader, Southern Counties.*
‡F. M. Spurrier, B. S., *Asst. State Club Leader, Northern Counties.*
‡Florence H. Tennant, M. S., *Home Dem. Agt. at Large.*
‡J. E. Tippett, B. S., *Asst. County Agt. Leader and in charge of Spec.*
‡W. G. Waterhouse, B. S., *Asst. State Club Leader, Southern Counties.*

Subject Matter Specialists:
‡G. B. Alcorn, M. S., *Mktg. Spec.*
‡D. T. Batchelder, B. S., *An. Husb. Spec.*
‡J. B. Brown, B. S., *Irrig. Spec.*
‡L. N. Brown, B. S., *Soil Conserv. Spec.*
‡B. B. Burlingame, M. S., *Farm Mgt. Spec.*
‡Jessie L. Decker, *Home Furnishing Spec.*
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‡R. B. Easson, B. S., *Spec.*
‡F. H. Ernst, B. S., *Spec.*
‡Hilda Faust, M. A., *Nutr. Spec.*
‡L. W. Fluharty, B. S., *Farm Mgt. Spec.*
‡G. E. Gordon, B. S., *Dairy Spec.*
‡B. J. Jones, B. S., *Agron. Spec.*
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‡Woodbridge Metcalf, M. S., *For. Spec.*
‡W. E. Newlon, B. S., *Poultry Spec.*
‡W. R. Ralston, B. S., *Spec.*
‡L. H. Rochford, B. S., *An. Husb. Spec.*
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‡W. R. Schoonover, M. S., *Soils Spec.*
‡C. E. Scott, M. A., *Plant Path. Spec.*
‡Arthur Shultis, M. S., *Farm Mgt. Spec.*
‡Wallace Sullivan, M. S., *Farm Mgt. Spec.*
‡R. S. Waltz, B. S., *Asst. For. Spec.*
‡Jean Warren, Ph. D., *Home Mgt. Spec.*

[1] The personnel with headquarters at Berkeley, Davis, Riverside, and Los Angeles, respectively, are given in separate lists.
[2] Including the Giannini Foundation of Agricultural Economics.

Berkeley—Continued

Forestry:

*†Walter Mulford, F. E., D. Sc., *Head of Dept.*
*R. K. Arnold, B. S., M. F., *Assoc. in For.*
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*†Joseph Kittredge, M. F., Ph. D., *Prof. For.; For. Ecol.*
*†M. E. Krueger, M. S., *Prof. and Assoc. For.*
*†A. W. Sampson, Ph. D., *Prof. For.; Plant Ecol.*

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*†M. A. Joslyn, Ph. D., *Asst. Prof. Fruit Technol.; Asst. Chem.*
*†Gordon Mackinney, Ph. D., *Asst. Prof. Fruit Technol.; Asst. Biochem.*
*†G. L. Marsh, M. S., *Assoc. in Expt. Sta. (Fruit Products).*
*†E. M. Mrak, Ph. D., *Asst. Prof. Fruit Technol.; Asst. Mycol.*
*†R. H. Vaughn, Ph. D., *Asst. Prof. Fruit Technol.; Asst. Bact.*

Genetics (Agr.):

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†D. R. Cameron, Ph. D., *Junior Geneticist.*
†W. E. Castle, Ph. D., *Res. Assoc. in Genetics.*
*R. E. Clausen, Ph. D., *Prof. Genetics.*
*†E. R. Dempster, Ph. D., *Instr. and Junior Geneticist.*
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Home Economics:

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*†Helen L. Gillum, Ph. D., *Asst. Prof. Home Econ.; Asst. Biochem.*
*Catherine Landreth, Ph. D., *Asst. Prof. Home Econ.*
*Mae N. Lent, *Lect. in Home Econ.*
*Ellen B. McGowan, Ph. D., *Lect. in Textiles.*
*†Ruth E. Okey, Ph. D., *Assoc. Prof. Home Econ.; Assoc. Biochem.*
*†Mrs. Betty M. Watts, Ph. D., *Asst. Prof. Home Econ.; Junior Biochem.*

Irrigation:

*†Frank Adams, M. A., *Prof. Irrig.; Irrig. Econ.*

Landscape Design:

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*H. L. Vaughan, B. S., *Asst. Prof. Landsc. Design.*

Nutrition:

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Plant Nutrition:

*†D. R. Hoagland, M. S., *Head of Div.*
*†D. I. Arnon, Ph. D., *Asst. Prof. Plant Nutr.; Asst. Plant Physiol.*

Berkeley—Continued

Plant Nutrition—Continued.

*†H. A. Barker, Ph. D., *Asst. Prof. and Asst. Soil Microbiol.*
*†J. P. Bennett, Ph. D., *Assoc. Prof. and Assoc. Plant Physiol.*
†T. C. Broyer, B. S., *Asst. Plant Physiol.*
*J. S. Burd, B. S., *Prof. Plant Nutr.*
†W. H. Dore, B. S., *Chem.*
*†W. Z. Hassid, Ph. D., *Asst. Prof. Plant Nutr.; Asst. Chem.*
*C. B. Lipman, Ph. D., D. Sc., *Prof. Plant Physiol.*
†J. C. Martin, B. S., *Assoc. Chem.*
*†H. S. Reed, Ph. D., *Prof. Plant Physiol.; Plant Physiol.*
†P. R. Stout, Ph. D., *Assoc. in Expt. Sta. (Plant Nutr.).*
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Plant Pathology:

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*†T. E. Rawlins, Ph. D., *Assoc. Prof. and Assoc. Plant Path.*
†B. A. Rudolph, Ph. D., *Assoc. Plant Path. (P. O., San Jose).*
*†R. E. Smith, Sc. D., *Prof. Plant Path.; Plant Path.*
*†W. C. Snyder, Ph. D., *Asst. Prof. and Asst. Plant Path.*
*†W. N. Takahashi, Ph. D., *Instr. and Junior Plant Path.*
*†Harold E. Thomas, Ph. D., *Asst. Prof. and Assoc. Plant Path.*
*†H. Earl Thomas, Ph. D., *Assoc. Prof. and Plant Path.*
†C. M. Tompkins, Ph. D., *Asst. Plant Path.*
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Poultry Husbandry:

*†L. W. Taylor, Ph. D., *Head of Div. Berkeley and Davis.*
*†H. J. Almquist, Ph. D., *Assoc. Prof. and Assoc. Poultry Husb.*
†Samuel Lepkovsky, Ph. D., *Assoc. Poultry Husb.*
*†I. M. Lerner, Ph. D., *Asst. Prof. and Asst. Poultry Husb.*

Soils:

*†W. P. Kelley, Ph. D., *Head of Div., Berkeley and Davis.*
*†G. B. Bodman, Ph. D., *Prof. Soil Phys.; Soil Physicist.*
†R. C. Cole, Ph. D., *Asst. Soil Technol.*
*†P. R. Day, Ph. D., *Instr. Soil Phys.; Junior Soil Physicist.*
†R. A. Gardner, M. S., *Assoc. in Expt. Sta. (Soils).*
†F. F. Harradine, B. S., *Assoc. in Expt. Sta. (Soils).*
*†Hans Jenny, Sc. D., *Prof. Soil Chem. and Morphol.; Soil Chem. and Morphol.*
†Roy Overstreet, Ph. D., *Junior Chem.*
*†J. B. Page, Ph. D., *Instr. and Junior Soil Chem.*
†Esther P. Perry, Ph. D., *Junior Soil Chem.*
*†R. E. Storie, B. S., *Lect. and Assoc. Soil Technol.*
†W. W. Weir, *Drainage Engin.*

Berkeley—Continued.

Veterinary Science:

*†C. M. Haring, D. V. M., *Head of Div., Berkeley and Davis.*
†R. A. Bankowski, D. V. M., *Assoc. in Expt. Sta. (Vet. Sci.).*
*†J. R. Beach, D. V. M., *Prof. Vet. Sci.; Vet.*
*†W. H. Boynton, D. V. M., *Prof. Vet. Sci.; Vet.*
†J. W. Britton, D. V. M., *Junior Vet.*
*†K. B. DeOme, Ph. D., *Instr. and Junior An. Path.*
†Mary K. Dunlap, D. V. M., *Res. Assoc. in Vet. Sci.*
*†O. W. Schalm, Ph. D., D. V. M., *Asst. Prof. Vet. Sci.; Asst. Vet.*
*†Jacob Traum, D. V. M., *Prof. Vet. Sci.; Vet.*

Davis

Agronomy:

*†B. A. Madson, B. S., *Head of Div., Davis and Berkeley.*
*†J. W. Gilmore, M. S., *Prof. Agron.; Agron.*
†J. S. Bransford, M. S., *Assoc. in Expt. Sta. (Agron.).*
*†F. N. Briggs, Ph. D., *Assoc. Prof. and Assoc. Agron.*
*†J. P. Conrad, Ph. D., *Assoc. Prof. and Assoc. Agron.*
†L. L. Davis, M. S., *Assoc. in Expt. Sta. (Agron.: P. O., Biggs).*
†L. G. Goar, *Assoc. in Expt. Sta. (Agron.: P. O., El Centro).*
†G. J. Harrison, B. L., *Assoc. in Expt. Sta. (Agron.).*
*G. W. Hendry, B. S., *Asst. Prof. Agron.*
*†R. M. Love, Ph. D., *Asst. Prof. and Asst. Agron.*
†J. L. Myler, M. S., *Assoc. in Agron.*
†F. G. Parsons, B. S., *Assoc. in Expt. Sta. (Agron.).*
†F. L. Smith, Ph. D., *Junior Agron.*
†C. A. Suneson, M. S., *Assoc. in Expt. Sta. (Agron.: Coop. U. S. D. A.).*

Animal Husbandry: [1]

*†G. H. Hart, M. D., D. V. M., *Head of Div.*
*G. A. Bell, B. S., *Assoc. in An. Husb.*
*†H. H. Cole, Ph. D., *Assoc. Prof. and Assoc. An. Husb.*
*†Harold Goss, Ph. D., *Assoc. Prof. and Assoc. An. Husb.*
*†P. W. Gregory, Sc. D., *Assoc. Prof. and Assoc. An. Husb.*
*†H. R. Guilbert, M. S., *Assoc. Prof. and Assoc. An. Husb.*
*†C. E. Howell, M. S., *Assoc. in An. Husb.; Assoc. An. Husb. (P. O., Pomona).*
*†E. H. Hughes, Ph. D., *Prof. An. Husb.; An. Husb.*
†N. R. Ittner, B. S., *Assoc. in Expt. Sta. (An. Husb.).*
*†Max Kleiber, D. Sc., *Prof. An. Husb.; An. Husb.*
*†S. W. Mead, M. S., *Assoc. Prof. and Assoc. An. Husb.*
*†R. F. Miller, M. S., *Prof. An. Husb.; An. Husb.*
*†W. M. Regan, A. M., *Prof. An. Husb.; An. Husb.*
*K. A. Wagnon, B. S., *Asst. in An. Husb. (P. O., O'Neals).*
*†J. F. Wilson, M. A., *Prof. An. Husb.; An. Husb.*
†Maxine B. Young, Ph. D., *Assoc. in Expt. Sta. (An. Husb.).*

Davis—Continued

Botany:

*†W. W. Robbins, Ph. D., *Head of Div.*
*†A. S. Crafts, Ph. D., *Assoc. Prof. and Assoc. Bot.*
*H. B. Currier, M. S., *Assoc. in Bot.*
*†Katherine Esau, Ph. D., *Asst. Prof. and Asst. Bot.*
†F. G. Larmer, M. S., *Assoc. in Expt. Sta. (Bot.).*
†R. N. Raynor, B. S., *Assoc. in Expt. Sta. (Bot.).*
†R. S. Rosenfels, Ph. D., *Assoc. in Expt. Sta. (Bot.: Coop. U. S. D. A.).*
*C. R. Stocking, M. S., *Assoc. in Bot.*
*†T. E. Weier, Ph. D., *Asst. Prof. and Asst. Bot.*

Chemistry:

*†H. A. Young, Ph. D., *Head of Div.*
*†S. H. Babcock, Ph. D., *Asst. Prof. and Asst. Chem.*
*†R. M. Keefer, Ph. D., *Instr. and Junior Chem.*
*†Kenzie Nozaki, Ph. D., *Assoc. in Chem. and in Expt. Sta.*
*†H. G. Reiber, Ph. D., *Asst. Prof. and Asst. Chem.*
*†D. H. Volman, Ph. D., *Instr. and Asst. Chem. (P. O., Los Angeles).*

Dairy Industry:

*†C. L. Roadhouse, D. V. M., *Head of Div.*
†F. H. Abbott, B. S., *Assoc. in Dairy Indus.*
*†W. C. Cole, M. S., *Assoc. in Dairy Indus. and in Expt. Sta.*
*†J. L. Henderson, Ph. D., *Instr. Dairy Indus.; Junior Dairy Technol.*
*†E. L. Jack, Ph. D., *Asst. Prof. Dairy Indus.; Asst. Dairy Technol.*
*†C. S. Mudge, Ph. D., *Prof. Dairy Indus.; Dairy Bact.*
*†C. A. Phillips, M. S., *Assoc. in Dairy Indus. and in Expt. Sta.*
*†G. A. Richardson, Ph. D., *Assoc. Prof. Dairy Indus.; Assoc. Dairy Chem.*
*E. L. Scaramella, B. S., *Assoc. in Dairy Indus.*
*†F. R. Smith, Ph. D., *Instr. Dairy Indus.; Junior Dairy Bact.*
*†N. P. Tarassuk, Ph. D., *Instr. Dairy Indus.; Junior Dairy Chem.*

Economics (Agr.):

*†Alexander Joss, Ph. D., *Instr. and Junior Agr. Econ.*

Editorial:

*†Mrs. Celeste T. Wright, Ph. D., *Asst. Editor.*

Education (Agr.):

*F. L. Griffin, M. S., *Assoc. Prof. Agr. Ed. and Supvr. Nondegree Instruction.*
*B. H. Peterson, Ph. D., *Lect. in Ed.*
*S. S. Sutherland, M. S., *Lect. in Ed. and Supvr. Teacher-Training in Agr.*

Engineering (Agr.):

*†H. B. Walker, C. E., *Head of Div.*
†A. A. Armer, M. S., *Assoc. in Expt. Sta. (Agr. Engin.).*
*†Roy Bainer, M. S., *Assoc. Prof. and Assoc. Agr. Engin.*
†C. E. Barbee, *Assoc. in Expt. Sta. (Agr. Engin.).*
*H. L. Belton, *Assoc. in Agr. Engin.*
†L. M. K. Boelter, M. S., *Agr. Engin. (P. O., Berkeley).*

[1] Including the W. K. Kellogg Institute of Animal Husbandry.

Davis—Continued

Engineering (Agr.)—Continued.

*†F. A. Brooks, M. E., Sc. D., *Prof. Agr. Engin.; Agr. Engin.*
*†O. C. French, M. S., *Lect. and Asst. in Agr. Engin.*
*†H. S. Gordon, M. S., *Instr. and Junior Agr. Engin.*
†R. A. Kepner, B. S., *Assoc. in Expt. Sta. (Agr. Engin.).*
*H. D. Lewis, B. S., *Assoc. in Agr. Engin.*
†Coby Lorenzen, M. S., *Assoc. in Expt. Sta. (Agr. Engin.).*
†S. W. McBirney, B. S., *Assoc. in Expt. Sta. (Agr. Engin.).*
*†B. D. Moses, B. S., *Assoc. Prof. and Assoc. Agr. Engin.*
*†L. W. Neubauer, M. S., *Asst. Prof. and Asst. Agr. Engin.*
*†R. L. Perry, B. S., M. E., *Assoc. Prof. and Assoc. Agr. Engin.*
†J. B. Powers, B. S., *Assoc. in Expt. Sta. (Agr. Engin.).*
†J. R. Tavernetti, M. S., *Asst. Agr. Engin.*
†V. N. Tramontini, B. S., *Assoc. in Expt. Sta. (Agr. Engin.).*
†J. S. Winters, *Assoc. in Agr. Engin.*

Entomology and Parasitology:

*†S. F. Bailey, Ph. D., *Asst. Prof. and Asst. Ent.*
*†J. E. Eckert, Ph. D., *Assoc. Prof. and Assoc. Ent.*
*†M. A. Stewart, Ph. D., *Assoc. Prof. and Assoc. Ent.*
†F. E. Todd, B. S., *Assoc. in Expt. Sta. (Ent.).*
*†R. L. Usinger, Ph. D., *Instr. and Junior Ent.*
†G. H. Vansell, M. S., *Assoc. in Expt. Sta. (Ent.).*

Extension Service (Agr.):

‡J. P. Fairbank, B. S., *Agr. Engin. Spec.*
‡E. F. Serr, Jr., B. S., *Deciduous Fruits Spec.*

Geology:

*†C. M. Gilbert, Ph. D., *Instr. Geol.*

Home Economics:

*Helen C. Anderson, M. S., *Assoc. in Home Econ.*
*Winifred Cochran, M. A., *Assoc. in Home Econ.*
*†Bessie B. Cook, Ph. D., *Asst. Prof. Home Econ.; Asst. Biochem.*
*Mrs. Louise S. Crowder, M. A., *Asst. Prof. Home Econ.*
*†Mrs. Margaret M. Kleiber, Ph. D., *Instr. and Junior Home Econ.*

Irrigation:

*†F. J. Veihmeyer, C. E., Ph. D., *Head of Div.*
†A. B. C. Anderson, Ph. D., *Junior Irrig. Physicist.*
†J. E. Christiansen, M. S., C. E., *Asst. Irrig. Engin.*
†L. D. Doneen, Ph. D., *Asst. Irrig. Agron.*
*†N. E. Edlefsen, Ph. D., *Assoc. Prof. Irrig.; Assoc. Irrig. Engin.*
*†C. V. Givan, Engr., *Asst. Prof. Irrig.; Asst. Irrig. Engin.*
†C. N. Johnston, B. S., *Asst. Irrig. Engin.*
†Roy Wray, *Assoc. in Expt. Sta. (Irrig.).*

Landscape Gardening and Floriculture:

*J. L. Stahl, A. B., *Assoc. in Landsc. Design.*

Davis—Continued

Mathematics and Physics:

*†E. B. Roessler, Ph. D., *Head of Div.*
*†G. A. Baker, Ph. D., *Instr. Math.; Junior Stat.*
*†W. P. Berggren, Ph. D., *Asst. Prof. Phys.; Asst. Physicist.*

Plant Pathology:

*†W. B. Hewitt, Ph. D., *Instr. and Junior Plant Path.*
*†B. R. Houston, Ph. D., *Instr. and Junior Plant Path.*
*†J. B. Kendrick, Ph. D., *Assoc. Prof. and Assoc. Plant Path.*
*†L. D. Leach, Ph. D., *Assoc. Prof. and Assoc. Plant Path.*
*†E. E. Wilson, Ph. D., *Asst. Prof. and Assoc. Plant Path.*

Pomology:

*†W. P. Tufts, Ph. D., *Head of Div.*
*†F. W. Allen, M. S., *Assoc. Prof. and Assoc. Pomol.*
*†R. M. Brooks, Ph. D., *Instr. and Junior Pomol.*
*†L. L. Claypool, Ph. D., *Asst. Prof. and Asst. Pomol.*
*†A. E. Davey, Ph. D., *Instr. and Junior Pomol.*
*†L. D. Davis, Ph. D., *Assoc. Prof. and Assoc. Pomol.*
†L. H. Day, M. S., *Assoc. Pomol.*
†C. J. Hansen, M. S., *Assoc. in Expt. Sta. (Pomol.).*
†A. H. Hendrickson, Ph. D., *Pomol.*
*†W. L. Howard, Ph. D., *Prof. Pomol.; Pomol.*
†J. R. King, Ph. D., *Junior Pomol.*
†Omund Lilleland, Ph. D., *Assoc. Pomol.*
*†E. L. Proebsting, Ph. D., *Assoc. Prof. and Assoc. Pomol.*

Poultry Husbandry:

*†V. S. Asmundson, Ph. D., *Assoc. Prof. and Assoc. Poultry Husb.*
*†F. W. Lorenz, Ph. D., *Instr. and Junior Poultry Husb.*

Soils:

*†L. E. Davis, Ph. D., *Instr. and Junior Soil Technol.*
*†Alfred Smith, Ph. D., *Assoc. Prof. and Assoc. Soil Technol.*

Truck Crops:

*†J. E. Knott, Ph. D., *Head of Div.*
*†G. N. Davis, Ph. D., *Instr. Truck Crops; Junior Oler.*
†G. C. Hanna, B. S., *Assoc. in Expt. Sta. (Truck Crops).*
*†O. A. Lorenz, Ph. D., *Instr. Truck Crops; Junior Oler.*
*†J. H. MacGillivray, Ph. D., *Asst. Prof. Truck Crops; Assoc. Oler.*
*†P. A. Minges, Ph. D., *Instr. Truck Crops; Junior Oler.*
*†L. L. Morris, Ph. D., *Instr. Truck Crops; Junior Oler.*
*†C. M. Rick, Jr., Ph. D., *Instr. Truck Crops; Junior Geneticist.*
*†P. G. Smith, Ph. D., *Instr. Truck Crops; Junior Oler.*
*†F. W. Lorenz, Ph. D., *Instr. and Junior Poultry Husb.*

Veterinary Science:

*†W. B. Bell, D. V. M., *Assoc. in Vet. Sci. and in Expt. Sta.*
*†H. S. Cameron, D. V. M., Ph. D., *Asst. Prof. Vet. Sci.; Asst. Vet.*
*†W. R. Hinshaw, D. V. M., *Assoc. Prof. Vet. Sci.; Assoc. Vet.*

Davis—Continued

Veterinary Science—Continued.

†Ethel C. McNeil, Ph. D., *Assoc. in Expt. Sta. (Vet. Sci.).*

Viticulture:

*†A. J. Winkler, Ph. D., *Head of Div.*
*†M. A. Amerine, Ph. D., *Asst. Prof. and Asst. Enologist.*
†J. G. B. Castor, Ph. D., *Junior Enologist.*
†J. F. Guymon, Ph. D., *Junior Enologist.*
†H. E. Jacob, M. S., *Assoc. in Expt. Sta. (Vit.).*
*†H. P. Olmo, Ph. D., *Asst. Prof. and Asst. Vit.*
†W. O. Williams, Ph. D., *Junior Vit.*

Zoology:

*†T. I. Storer, Ph. D., *Head of Div.*
*†J. T. Emlen, Ph. D., *Asst. Prof. and Asst. Zool.*
*†L. E. Rosenberg, Ph. D., *Asst. Prof. and Asst. Zool.*

Riverside

Beneficial Insects:

*†H. S. Smith, M. S., *Head of Div.*
†A. J. Basinger, M. S., *Assoc. in Expt. Sta. (Ent.).*
†Harold Compere, *Assoc. in Expt. Sta. (Ent.).*
†S. E. Flanders, Ph. D., *Assoc. Ent.*
†P. H. Timberlake, A. M., *Assoc. Ent.*

Chemistry (Agr.):

*†H. D. Chapman, Ph. D., *Head of Div.*
†S. M. Brown, *Asst. Chem.*
†B. M. Laurence, E. Met., *Assoc. in Expt. Sta. (Agr. Chem.).*
†G. F. Leibig, Jr., A. B., *Assoc. in Expt. Sta. (Agr. Chem.).*
†V. P. Sokoloff, Ph. D., *Junior Chem.*
†A. P. Vanselow, Ph. D., *Asst. Chem.*

Entomology:

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†B. R. Bartlett, M. S., *Assoc. in Expt. Sta. (Ent.).*
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†R. C. Dickson, M. S., *Assoc. in Expt. Sta. (Ent.).*
†Walter Ebeling, Ph. D., *Asst. Ent.*
†D. L. Lindgren, Ph. D., *Asst. Ent.*
†C. O. Persing, Ph. D., *Junior Ent.*

Extension Service (Agr.):

‡J. C. Johnston, B. S., *Citrus Spec.*

Orchard Management:

*†I. J. Condit, Ph. D., *Head of Div.*
†O. L. Braucher, *Asst. in Orchard Mgt.*
†Maurice Donnelly, Ph. D., *Assoc. in Expt. Sta. (Orchard Mgt.).*
†E. R. Parker, Ph. D., *Assoc. Hort.*
†M. B. Rounds, Ph. G., *Assoc. in Expt. Sta. (Ent.).*

Riverside—Continued

Plant Breeding:

*†H. B. Frost, Ph. D., *Head of Div.*
†J. W. Lesley, Ph. D., *Assoc. Plant Breeder.*

Plant Pathology:

*†H. S. Fawcett, Ph. D., *Head of Div., Riverside and Los Angeles.*
†D. E. Bliss, Ph. D., *Asst. Plant Path.*
*†W. T. Horne, B. S., *Prof. Plant Path.; Plant Path.*
*†L. J. Klotz, Ph. D., *Assoc. Prof. and Assoc. Plant Path.*
†J. T. Middleton, Ph. D., *Junior Plant Path.*
†J. M. Wallace, Ph. D., *Assoc. Plant Path.*

Plant Physiology:

*†E. T. Bartholomew, Ph. D., *Head of Div.*
†A. R. C. Haas, Ph. D., *Assoc. Plant Physiol.*
*†W. B. Sinclair, Ph. D., *Asst. Prof. and Asst. Plant Physiol.*
†F. M. Turrell, Ph. D., *Junior Plant Physiol.*

Los Angeles

Economics (Agr.):

*†R. J. Smith, Ph. D., *Instr. and Junior Agr. Econ.*

Entomology:

*†H. J. Quayle, M. S., *Head of Div., Riverside.*
*†R. M. Bohart, Ph. D., *Instr. and Junior Ent.*
*†R. H. Smith, Ph. D., *Prof. Ent.; Ent.*

Horticulture:

*†R. W. Hodgson, M. S., *Head of Div.*
*†J. B. Biale, Ph. D., *Instr. and Junior Subtropical Hort.*
*†S. H. Cameron, Ph. D., *Assoc. Prof. Subtropical Hort.; Assoc. Plant Physiol.*
*†O. F. Curtis, Jr., Ph. D., *Instr. Flor.; Junior Plant Physiol.*
*†F. F. Halma, Ph. D., *Assoc. Prof. and Assoc. Subtropical Hort.*
*†W. E. Lammerts, Ph. D., *Asst. Prof. Ornamental Hort.; Asst. Geneticist.*
*†G. A. L. Mehlquist, Ph. D., *Instr. Flor.; Junior Geneticist.*

Irrigation:

*†M. R. Huberty, B. S., Engr., *Head of Div.*
*†David Appleman, Ph. D., *Asst. Prof. Plant Nutr.; Asst. Plant Physiol.*
*†A. F. Pillsbury, Engr., *Asst. Prof. and Asst. Irrig. Engin.*

Plant Pathology:

*†H. S. Fawcett, Ph. D., *Head of Div., Riverside.*
*†K. F. Baker, Ph. D., *Asst. Prof. and Asst. Plant Path.*
*†P. A. Miller, M. S., *Asst. Prof. and Asst. Plant Path.*

COLORADO

Colorado State College of Agriculture and Mechanic Arts and the Agricultural Experiment Station, *Fort Collins*

*College faculty. †Station staff. ‡Extension staff.

*R. M. Green, M. S., D. Sc., *President.*
*†H. J. Henney, M. S., *Dean Div. of Agr., Dir. of Sta.*
‡F. A. Anderson, *Dir. of Ext. Service.*
*†J. R. Miller, *Secy., Treas.*

Agronomy:

*†Alvin Kezer, M. A., *Prof. and Head of Dept.*

Agronomy—Continued.

†L. A. Brown,[1] Ph. D., *Assoc. Agron.*
†R. F. Eslick, M. S., *Asst. Agron.*

[1] On leave.

Agronomy—Continued.

†Robert Gardner, M. S., *Assoc. Agron.*
‡A. J. Hamman, B. S., *Ext. Soil Conserv.*
†D. W. Koonce, M. S., *Assoc. Agron.*
*†W. H. Leonard, Ph. D., *Assoc. Prof. and Assoc. Agron.*
†D. W. Robertson, Ph. D., *Agron.* (*Cereal Brdg.*).
†D. S. Romine, M. S., *Asst. Agron.*
‡T. G. Stewart, B. S., *Land Planning Spec.*
‡R. H. Tucker, B. S., *Ext. Agron.*
†R. M. Weihing, Ph. D., *Asst. Agron.*
*†R. S. Whitney, M. S., *Asst. Prof. and Asst. Agron.* (*Soils*).
‡R. P. Yates, B. S., *Asst. Ext. Agron.* (*Seed Certification*).

Animal Industry:

†H. B. Osland, M. S., *Prof. and Head of Dept.*
‡A. C. Allen, B. S., *Ext. An. Husb.*
*†V. C. Askew, M. S., *Asst. Prof. and Asst. An. Husb.* (*Sheep and Wool Invest.*)
*†H. C. Dickey, Ph. D., *Asst. Prof. and Asst. An. Husb.*
*†M. H. Hazaleus, M. S., *Asst. Prof. and Asst. An. Husb.*
‡H. A. Sandhouse, M. S., *Ext. Dairyman.*
*†R. C. Tom, M. S., *Assoc. Prof. and Assoc. An. Husb.*
*†Leroy Van Horn, M. S., *Instr. and Asst. in Wool Technol.*
*†L. E. Washburn, Ph. D., *Asst. Prof. and Asst. An. Husb.*
*†Ivan Watson, M. S., *Asst. Prof. and Asst. An. Husb.*
*E. B. Williams, M. S., *Asst. Prof. Dairy Mfg.*

Botany and Plant Pathology:

*†L. W. Durrell, Ph. D., *Prof. and Head of Dept.*
†E. W. Bodine, M. S., *Assoc. Plant Path.*
*E. F. Darley, B. S., *Instr. Bot. and Plant Path.*
*†J. L. Forsberg, M. S., *Asst. Prof. and Asst. Bot.*
‡W. J. Henderson, M. S., *Ext. Plant Path.*
*†W. A. Kreutzer, Ph. D., *Asst. Prof. and Asst. Plant Path.*
†Helen M. Kroeger, B. S., *Seed Analyst.*
*G. H. Lane, M. S., *Asst. Prof. Bot.*
*†M. E. Paddick, Ph. D., *Asst. Prof. and Asst. in Bot.*
*†A. O. Simonds, Ph. D., *Asst. Prof. and Asst. in Bot.*
*E. C. Smith, M. S., *Curator of Herbarium.*
*†B. J. Thornton, M. S., *Assoc. Prof. and Assoc. Plant Path.*

Chemistry:

*G. H. Whiteford, Ph. D., *Prof. and Head of Coll. Dept*
†J. W. Tobiska, M. A., *Prof. and Head of Res. Dept.*
*E. L. Bailes, M. S., *Asst. Prof. Chem.*
*L. W. Charkey, M. S., *Instr. Chem.*
*R. G. Coffin, M. S., *Assoc. Prof. Chem.*
*E. B. Crone, Ph. D., *Asst. Prof. Chem.*
†Earl Douglass, M. S., *Assoc. Chem.*
*H. A. Durham, M. A., *Instr. Chem.*
*P. R. Frey, Ph. D., *Asst. Prof. Chem.*
*K. G. Irwin, M. S., *Asst. Prof. Chem.*
*C. G. H. Johnson, Ph. D., *Assoc. Prof. Chem.*
*C. F. Metz, Ph. D., *Asst. Prof. Chem.*
†W. T. Newcomb, B. S., *Asst. Chem.*
*Mrs. Merle G. Payne, B. S., *Asst. Prof. Chem.*
*F. W. Perisho, Ph. D., *Asst. Prof. Chem.*
*S. C. Tobey, M. A., *Asst. Prof. Chem.*

Chemistry—Continued.

†C. E. Vail, M. A., *Assoc. Chem.*
*Elizabeth M. Wing, A. M., *Assoc. Prof. Chem.*

Economics and Sociology:

*†L. A. Moorhouse, M. S., *Prof. and Head of Dept.*
*P. M. Berry, M. A., *Instr. Econ.*
†R. T. Burdick,[1] M. S., *Assoc. Rural Econ.*
*B. F. Coen, M. A., *Assoc. Prof. Sociol.*
*D. N. Donaldson, M. S., *Assoc. Prof. Econ.*
*R. G. Dunbar, Ph. D., *Asst. Prof. Econ.*
*†A. W. Epp, M. A., *Asst. Prof. and Asst. in Econ. and Sociol.*
†E. F. Resek, *Stat.*
*†R. W. Roskelley, Ph. D., *Asst. Prof. and Asst. in Rural Sociol.*
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†G. B. Killinger, Ph. D., *Assoc. Agron.*
*†W. A. Leukel, Ph. D., *Prof. Agron.; Agron.*
†G. E. Ritchey, M. S., *Assoc. Agron. (Coop. U. S. D. A.).*
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Animal Husbandry:

*††A. L. Shealy, B. S., D. V. M., *Head of Dept.*
*C. H. Willoughby, B. Agr., M. A., *Prof. An. Husb.*

Animal Husbandry—Continued.

*††P. T. Dix Arnold, M. S., *Asst. Prof. and Asst. Dairy Husb.*
*†R. B. Becker, Ph. D., *Prof. Dairy Husb. and An. Nutr.; Dairy Husb.*
‡H. L. Brown, B. S., *Ext. Dairyman*
*†M. W. Emmel, M. S., D. V. M., *Prof. Vet. Sci.; Vet.*
*†E. L. Fouts, Ph. D., *Prof. Dairy Mfg.; Dairy Technol.*
†T. R. Freeman, Ph. D., *Assoc. in Dairy Mfrs.*
†R. S. Glasscock, Ph. D., *Assoc. An. Husb.*
*†W. G. Kirk, Ph. D., *Asst. Prof. and Assoc. An. Husb.*
*††N. R. Mehrhof, B. S., M. Agr. *Prof. Poultry Husb.; Poultry Husb.*
*†O. K. Moore, M. S., *Asst. Prof. and Asst. Poultry Husb.*

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[1] For subject matter workers see the respective division; i. e., agronomy, animal industry, etc.
[2] Courses given in the Women's College.

Animal Husbandry—Continued.

†L. E. Mull, M. S., *Asst. in Dairy Technol.*
*†L. L. Rusoff, Ph. D., *Asst. Prof. and Asst. in An. Nutr.*
*N. W. Sanborn, M. D., *Prof. Poultry Husb.*
†D. A. Sanders, B. S., D. V. M., *Vet.*
‡W. J. Sheely, B. S., *Ext. An. Husb.*
*†D. J. Smith, B. S., *Asst. Prof. and Asst. An. Husb.*
‡D. F. Sowell, M. S., *Ext. Poultryman.*
‡E. F. Stanton, *Supvr. Egg-Laying Contest (P. O., Chipley).*
†L. E. Swanson, D. V. M., *Parasit.*

Botany:

*W. B. Tisdale, Ph. D., *Head of Dept.*
*W. R. Carroll, Ph. D., *Prof. Bact.*
*M. D. Cody, M. A., *Prof. Bot.*
*G. F. Weber, Ph. D., *Prof. Plant Path.*

Chemistry (Agr.):

*A. P. Black, Ph. D., *Head of Coll. Dept.*
*E. E. Frahm, Ph. D., *Asst. Prof. Agr. Chem.*
†R. B. French, Ph. D., *Assoc. Chem. (Home Econ.).*
†R. W. Ruprecht, Ph. D., *Chem. in charge Celery Invest. (P. O., Sanford).*

Economics (Agr.):

*†‡C. V. Noble, Ph. D., *Head of Dept.*
‡J. C. Bedsole, B. S., *Asst. Ext. Econ.*
‡V. V. Bowman, M. S., *Ext. Econ. and Leader in Land Use Planning.*
†M. E. Brunk, M. S., *Asst. Agr. Econ.*
*H. G. Hamilton, Ph. D., *Prof. Mktg.*
‡C. M. Hampson, M. S., *Ext. Econ., Farm Mgt.*
‡R. H. Howard, M. S., *Ext. Econ., Farm Mgt.*
*J. W. Reitz, Ph. D., *Prof. Agr. Econ.*
†Zach Savage, M. S., *Assoc. Agr. Econ.*
†A. H. Spurlock, M. S., *Assoc. Agr. Econ.*

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†‡J. F. Cooper, M. S., *Editor.*
†‡Clyde Beale, A. B. J., *Asst. Editor.*
†‡Jefferson Thomas, *Asst. Editor.*

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*E. W. Garris, Ph. D., D. Sc., *Prof. Agr. Ed.*

Engineering (Agr.):

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Entomology:

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*J. T. Creighton, Ph. D., *Head of Coll. Dept.*
†H. E. Bratley, M. S., *Asst. Ent.*
†S. O. Hill,[1] B. S., *Asst. Ent. (Coop. U. S. D. A.: P. O., Monticello).*
*Homer Hixson, Ph. D., *Asst. Prof. Ent.*
†A. M. Phillips, B. S., *Asst. Ent. (Coop. U. S. D. A.: P. O., Monticello).*
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Extension (Admin.): [2]

‡Wilmon Newell, M. S., D. Sc., *Dir.*
‡A. P. Spencer, M. S., *Vice Dir. and County Agt. Leader.*
‡Mary E. Keown, M. S., *State Home Dem. Agt. (P. O., Tallahassee).*
‡R. W. Blacklock, A. B., *State Club Leader.*
‡H. G. Clayton, M. S., *Dist. Agt.*

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‡R. S. Dennis, B. S., *Asst. Dist Agt.*
‡Ethyl Holloway, B. S., *Dist. Agt. (P. O., Tallahassee).*
‡Ruby McDavid, *Dist. Agt. (P. O., Tallahassee).*
‡W. T. Nettles, B. S., *Dist. Agt.*
‡Lucy B. Settle, M. A., *Dist. Agt.*
‡J. Lee Smith, *Dist. Agt.*

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*H. S. Newins, Ph. B., M. F., *Dir. and Head Prof. For.*
*W. B. DeVall, M. S., *Instr. For.*
*P. W. Frazer, B. S., M. F., *Asst. Prof. For.*
*J. W. Miller, Jr., B. S., *Asst. Prof. For.*
‡L. T. Nieland, *Ext. Farm For.*
*G. F. Weber, Ph. D., *Prof. For. Path.*
*R. H. Westveld, B. S., M. F., *Prof. Silviculture.*
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Home Economics:

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†Ruth Overstreet, R. N., *Asst. in Home Econ.*
‡Anna M. Sikes, M. S., *Ext. Nutr. (P. O., Tallahassee).*
‡Isabelle S. Thursby, *Ext. Econ. in Food Conserv. (P. O., Tallahassee).*

Horticulture:

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†G. H. Blackmon, M. S., *Head of Sta. Dept.*
*C. E. Abbott, M. S., *Prof. Hort.*
†J. R. Beckenbach, Ph. D., *Truck Hort. (P. O., Bradenton).*
†R. D. Dickey, M. S., *Asst. Hort.*
†F. S. Jamison, Ph. D., *Truck Hort.*
†B. E. Janes, Ph. D., *Asst. Hort.*
†F. S. Lagassé, Ph. D., *Hort. (Coop. U. S. D. A.).*
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Meteorology (Frost Forecasting Service):

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Plant Pathology:

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‡E. F. DeBusk, B. S., *Ext. Citriculturist.*
†A. H. Eddins, Ph. D., *Plant Path. (P. O., Hastings).*
†L. O. Gratz, Ph. D., *Plant Path.*
†D. G. A. Kelbert, *Asst. Plant Path. (P. O., Bradenton).*
†K. W. Loucks, M. S., *Asst. Plant Path. (P. O., Leesburg).*
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[1] On military leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal indusbandry, etc.

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Soils:

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†R. A. Carrigan, B. S., *Asst. Chem.*
*†J. R. Henderson, M. S., *Assoc. Prof. Soils; Assoc. Chem.* (*Soils*).
†L. H. Rogers, Ph. D., *Assoc. Biochem.*
*†F. B. Smith, Ph. D., *Prof. Soils; Soil Microbiol.*
*†G. D. Thornton, M. S., *Asst. Prof. Soils; Asst. Microbiol.*
†H. W. Winsor, B. S., *Asst. Chem.*

Veterinary Science—See **Animal Husbandry.**

Miscellaneous:

†Mrs. Ida K. Cresap, *Libr.*
†‡Ruby Newhall, *Admin. Mgr.*
†Henry Zeigler, *Farm Supt.*

Branch Stations:

Citrus Expt. Sta., *P. O., Lake Alfred*—
A. F. Camp, Ph. D., *Hort. in charge.*
C. K. Clark, Ph. D., *Chem.*
F. F. Cowart, Ph. D., *Assoc. Hort.*
B. R. Fudge, Ph. D., *Assoc. Chem.*
V. C. Jamison, Ph. D., *Soils Chem.*
J. H. Jefferies, *Asst. in Citrus Brdg.*
W. W. Lawless, B. S., *Asst. Hort.*
W. L. Thompson, B. S., *Assoc. Ent.*
R. K. Voorhees, Ph. D., *Assoc. Plant Path.*

Branch Stations—Continued.

Everglades Expt. Sta., *P. O., Belle Glade*—
J. R. Neller, Ph. D., *Biochem. in charge.*
F. S. Andrews,[1] Ph. D., *Assoc. Truck Hort.*
R. A. Bair, Ph. D., *Asst. Agron.*
Thomas Bregger, Ph. D., *Sugarcane Physiol.*
B. S. Clayton, B. S., C. E., *Drainage Engin.* (*Coop. U. S. D. A.*).
W. T. Forsee, Jr., Ph. D., *Assoc. Chem.*
R. W. Kidder, M. S., *Asst. An. Husb.*
F. D. Stevens, B. S., *Sugarcane Agron.*
G. R. Townsend, Ph. D., *Plant Path.*
J. W. Wilson, Sc. D., *Ent.*

North Fla. Expt. Sta., *P. O., Quincy*—
J. D. Warner, M. S., *Agron. in charge.*
R. R. Kincaid, Ph. D., *Assoc. Plant Path.*
Jesse Reeves, *Asst. Agron.*
R. W. Wallace, B. S., *Assoc. Agron.*
V. E. Whitehurst, Jr., B. S., *Asst. An. Husb.*

Range Cattle Expt. Sta., *P. O., Wauchula*—
W. G. Kirk, Ph. D., *An. Husb. in charge.*

Subtropical Expt. Sta., *P. O., Homestead*—
G. D. Ruehle, Ph. D., *Plant Path. in charge.*
E. M. Andersen, Ph. D., *Asst. Hort.*
S. J. Lynch, B. S., *Asst. Hort.*

West Central Fla. Expt. Sta., *P. O., Brooksville*—
W. F. Ward, M. S., *Asst. An. Husb. in charge* (*Coop. U. S. D. A.*).

Florida Agricultural and Mechanical College for Negroes, *Tallahassee*

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*B. L. Perry, M. S., *Dean Div. of Agr.*

*J. C. Baldwin, B. S., *Assoc. Prof. Agron. and Soils.*
*G. W. Conoly, M. S., *Asst. Prof. Voc. Agr.*
*Mrs. Irma L. Hollins, M. S., *Dean Div. of Home Econ.*
*Katherine Jackson, B. F. A., *Applied Design.*
*E. L. King, M. S., *Assoc. Prof. Agr. Econ.*
*Mrs. Marie M. King, B. S., *Assoc. Prof. Textiles and Clothing.*
*T. T. Lewis, M. S., *Hort.*
*L. A. Marshall, M. S., *Assoc. Prof. and Teacher Trainer in Agr. Ed.*
*Dorcas R. Penn, R. N., M. A., *Supt. of Nurses.*
*A. W. Shute, M. S., *Asst. Prof. An. Husb. and Dairy Indus.*
‡Mrs. Beulah S. Shute, B. S., *Home Dem. Agt.*
‡Mrs. Pearl J. Singleton, B. S., *Itinerant Teacher Trainer in Home Econ. Ed.*
*Mercia M. Tucker, M. A., *Foods and Nutr.*
‡A. A. Turner, *State Dem. Agt.*
*Maud L. Watkins, B. S., *Actg. Libr.*
*R. T. Waymer, M. A., *Agr. Engin. and Poultry.*
*Genevieve J. Wheeler, M. A., *Teacher Trainer in Home Econ. Ed.*

GEORGIA

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*College faculty. ‡Extension staff.

*H. W. Caldwell, A. B., LL. D., *President of University.*
*Paul W. Chapman, M. S., D. Sc., *Dean Coll. of Agr.*
‡W. S. Brown, B. S., *Dir. of Agr. Ext.*

Agronomy:

*W. O. Collins, B. S., *Prof. Soils and Head of Dept.*
‡E. D. Alexander, M. S., *Ext. Agron.*
‡R. R. Childs, M. S., *Ext Agron., Cotton Improvement* (*Coop. U. S. D. A.*).
*D. L. Floyd, B. S., *Agr. Stat.* (*Coop. U. S. D. A.*).
*W. H. Garman, Ph. D., *Assoc. Prof. Agron.*

Agronomy—Continued.

*Edwin James, M. S., *Asst. Prof. Agron.*
‡J. M. Jordan, B. S., *Ext. Soil Conserv.*
*Archie Langley, B. S., *Assoc. Agr. Stat.* (*Coop. U. S. D. A.*).
*C. C. Murray, M. S., *Assoc. Prof. Agron.*
*J. H. Walker, M. S., *Field Asst. in Soil Survey.*
‡F. C. Ward, B. S., *Ext. Soil Conserv.*

[1] On leave.

Agronomy—Continued.

‡E. C. Westbrook, M. S., *Cotton and Tobacco Spec.*

Animal Husbandry:

*M. P. Jarnagin, M. Agr., Sc. D., *Prof. and Head of Dept.*
*M. L. Buchanan, M. S., *Assoc. Prof. An. Husb.*
‡F. W. Fitch, B. S., *Ext. Dairyman.*
*T. J. Jones, B. S., D. V. M., *Asst. Prof. An. Husb.*
‡W. E. Pace, Jr., B. S., *Swine Spec. (P. O., Tifton).*
‡W. S. Rice, M. S., *Beef Cattle and Sheep Spec.*

Chemistry (Agr.):

*L. M. Carter, B. S., *Prof. Agr. Chem.*
*H. T. Coggin, Ph. D., *Asst. Prof. Biochem.*
*A. W. Scott, Ph. D., *Prof. Agr. Chem.*
*C. N. Wilder, M. S., *Assoc. Prof. Agr. Chem.*

Dairy Husbandry:

*H. B. Henderson, M. S., *Prof. and Head of Dept.*
*K. M. Autrey, Ph. D., *Asst. Prof. Dairy Husb.*
*F. W. Bennett, M. S., *Assoc. Prof. Dairy Husb.*

Economics (Agr.) and Rural Sociology:

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‡J. W. Fanning, M. S., *Project Leader, Land Use Planning.*
‡L. E. Farmer, B. S., *Mktg. Spec.*
‡C. G. Garner, B. S., *Ext. Econ., Mktg.*
*F. P. King, M. S., *Assoc. Prof. Agr. Econ. and Rural Sociol.*
‡H. J. France, *Asst. Project Leader, Land Use Planning.*
‡R. J. Richardson, B. S., *Ext. Econ., Mktg. (Poultry: P. O., Tifton).*
‡Kenneth Treanor, B. S., *Ext. Econ., Farm Mgt.*
*W. P. Young, Ph. D., *Assoc. Prof. Agr. Econ. and Rural Sociol.*

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‡Laura E. Blackshear, *Illustrator.*
‡J. P. Nicholson, B. S., *Assoc. Editor.*
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Education (Rural and Voc.):

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*A. O. Duncan, B. S., *Assoc. Prof. Rural and Agr. Ed.*
*Ellis Garrett, B. S., *Instr. Voc. Ed. (P. O., Watkinsville).*
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Engineering (Agr.):

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*W. N. Danner, Jr., M. E., *Prof. Agr. Engin.*

Engineering (Agr.)—Continued.

*U. H. Davenport, B. S., *Prof. Agr. Engin.*
‡H. S. Glenn, B. S., *Rural Electrification Spec.*
*J. B. Greiner, M. S., *Agr. Engin. Res.*
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‡G. I. Johnson, B. S., A. E., *Ext. Agr. Engin.*
*F. B. Lanham, M. S., *Agr. Engin. Res.*
‡J. C. Oglesbee, Jr., B. S., *Ext. Agr. Engin. (P. O., Tifton).*
*J. L. Shepherd, B. S., *Asst. Prof. Agr. Engin.*
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Extension (Admin.): [1]

‡W. S. Brown, B. S., *Dir.*
‡L. I. Skinner, B. S., *Asst. Dir.*
‡J. A. Johnson, M. S., *Admin. Asst.*
‡Lurline Collier, B. S., *State Home Dem. Agt.*
‡W. A. Sutton, Jr., B. S., *State Leader 4–H Clubs.*
‡L. W. Eberhardt, Jr., B. S., *Asst. State Leader 4–H Clubs (P. O., Tifton).*
‡Emmie Nelson, B. S., *Asst. State Leader 4–H Clubs.*
‡Mrs. Margaret M. Brand, B. S., *Dist. Agt. (P. O., Tifton).*
‡S. G. Chandler, B. S., *Asst. Dist. Agt.*
‡Alice Drake, B. S., *Dist. Agt.*
‡Lula Edwards, B. S., *Dist. Agt.*
‡L. R. Lanier, B. S., *Dist. Agt.*
‡Rosa D. McGee, B. S., *Dist. Agt. (P. O., Tifton).*
‡T. L. McMullan, B. S., *Dist. Agt.*
‡L. S. Watson, B. S., *Dist. Agt.*
‡L. C. Westbrook, B. S., *Dist. Agt.*

Forestry:

*D. J. Weddell, B. S. F., M. S., *Prof. and Dean of School.*
*G. N. Bishop, M. S. F., *Asst. Prof. For.*
‡H. C. Carruth, B. S. F., *Ext. For.*
*B. F. Grant, M. S. F., *Prof. For.*
*A. D. McKellar, M. S. F., *Asst. Prof. For.*
*A. E. Patterson, M. S., *Asst. Prof. For.*
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‡Leonora Anderson, B. S., *Clothing Spec.*
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*Mrs. Margaret H. Blair, A. M., *Asst. Prof. Home Econ.*
*Matilda Callaway, M. A., *Assoc. Prof. Home Econ.*
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*Mrs. Maude P. Hood, M. S., *Asst. Prof. Home Econ.*
*Martha LaBoon, M. S., *Instr. Home Econ.*
‡Katherine Lanier, B. S., *Food Preservation and Utilization Spec.*
*Mary E. Lyons, Ph. D., *Assoc. Prof. Foods and Nutr.*
‡Susan Matthews, M. A., *Ext. Nutr.*
*Ruth Maynard, B. S., *Instr. Home Econ.*

[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Home Economics—Continued.

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‡Mrs. Leila R. Mize, M. S., *Special Home Dem. Spec.*
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*Catherine L. Newton, M. A., *Assoc. Prof. Home Econ.*
*Lillian Schmidt, M. S., *Assoc. Prof. Home Econ. Ed.*
*Louise Stakely, M. S., *Instr. Home Econ.*
*A. Elizabeth Todd, M. A., *Prof. Home Econ. Ed.*
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Horticulture:

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*M. C. Davis, M. S., *Asst. Prof. Hort.*
‡H. W. Harvey, B. S., *Ext. Hort.* (*Landsc.*).

Horticulture—Continued.

*R. L. Keener, M. S., *Prof. Hort.*
‡Elmo Ragsdale, B. S., *Ext. Hort.*
*D. T. Sullivan, M. S., *Instr. Hort.*

Plant Pathology and Plant Breeding:

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*G. E. Thompson, Ph. D., *Assoc. Prof. Plant Path.*

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Miscellaneous:

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Georgia Experiment Station, *Experiment* **(telegraph and express address,** *Griffin*)

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†H. P. Stuckey, B. S., D. Sc., *Director and Local Treasurer.*
†B. B. Higgins, Ph. D., *Asst. Director.*

Agronomy:

†R. P. Bledsoe, M. S., *Agron.*
†W. W. Ballard, *Chief Sci. Aide* (*Coop. U. S. D. A.*).
†G. G. Brock, M. S., *Asst. Agron.*
†J. G. Futral, B. S., *Asst. Agron.*
†U. R. Gore, Ph. D., *Assoc. Agron.*
†L. H. Jones, *Agron. Foreman.*
†E. D. Mathews, Ph. D., *Assoc. Agron.*
†L. C. Olson, Ph. D., *Assoc. Agron.*
†O. E. Sell, Ph. D., *Assoc. Agron.*
†L. N. Skold, M. S., *Asst. Agron.*
†A. L. Smith, Ph. D., *Assoc. Agron.* (*Coop. U. S. D. A.*).
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Animal Industry:

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†Z. A. Massey, B. S., *An. Husb.*

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†W. K. Bailey, M. S., *Agt.* (*Coop. U. S. D. A.*).
†K. H. Garren, Ph. D., *Assoc. Bot.*
†Frank Van Haltern, M. S., *Assoc. Bot.*
†J. L. Weimer, Ph. D., *Senior Plant Path.* (*Coop. U. S. D. A.*).

Chemistry:

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[1] On leave.
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[1] For extension administration in home economics see the subject-matter division. For subject-matter workers in all departments see the respective division; i. e., agronomy, animal husbandry, etc.
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Landscape Architecture—Continued.

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Editorial—See **Journalism.**

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Engineering (Agr.):

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[1] On military leave.
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

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[1] See also Entomology.
[2] For subject-matter workers see the respective division; i. e., agronomy and engineering (agr.), animal industry, etc.

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†Ellen P. Emack, *Seed Analyst.*
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Miscellaneous:

*C. W. E. Hintz, A. M. L. S., *Libr.*

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
[2] On military leave.

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*†G. B. Snyder, M. S., *Head Dept. of Oler.*
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†J. S. Bailey, M. S., *Asst. Res. Prof. Pomol.*
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‡W. R. Cole, *Spec. in Hort. Mfrs.*
‡A. M. Davis, B. S., *Asst. Ext. Hort.*

[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Horticulture—Continued.

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†William Garland, *Tech. Asst. in Nursery Culture (P. O., Waltham).*
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*S. C. Hubbard, *Asst. Prof. Flor.*
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*James Robertson, Jr., B. A., *Asst. Prof. Landsc. Arch.*
*D. E. Ross, B. S., *Instr. Flor.*
*A. H. Sayer, B. S., *Instr. Hort.*
†Lawrence Southwick, M. S., *Res. Asst. in Pomol.*
‡W. H. Thies, M. S., *Ext. Hort. (Pomol.).*
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*A. P. Tuttle, M. S., *Asst. Prof. Veg. Gard.*
†H. E. White, M. S., *Asst. Res. Prof. Flor. (P. O., Waltham).*
†Katherine R. White, *Lab. Asst. in Pomol.*
†R. E. Young, M. S., *Asst. Res. Prof. Vev. Gard. (P. O., Waltham).*

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*J. H. Vondell, *Instr. and Plant Supt. Poultry Husb.*

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†Henry Van Roekel, D. V. M., Ph. D., *Chief of Poultry Disease Control Lab.*
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†Miriam K. Clarke, M. S., *Res. Asst. in Poultry Disease Control.*
†Earl Crosby, *Lab. Helper in Poultry Disease Control.*
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J. L. Kelley, *Tech. Asst. in Cranberry Res.*
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Waltham Field Sta., *P. O., Waltham*—
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‡G. S. McIntyre, B. S., *Dairy Spec.* (*P. O., Chatham*).
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Economics (See also **Farm Mgt.**):

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*Catherine Campbell, M. A., *Supervising Teacher in Home Econ. and Instr. Ed.*
*Hester K. Clark, M. S., *Supervising Teacher in Home Econ. and Instr. Ed.*
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*G. P. Deyoe, Ph. D., *Assoc. Prof. Ed.*
*J. W. Hall, M. A., *Asst. Prof. Ed. and Supervising Teacher in Agr. Ed.*
*Mary S. Handlin, M. A., *Supervising Teacher in Home Econ. and Asst. Prof. Ed.*
*Hazel M. Hatcher, Ph. D., *Asst. Prof. Ed.*
*G. H. Hill, M. A., *Asst. Prof. Ed.*
*Mary L. Hurt, M. S., *Supervising Teacher in Home Econ. and Asst. Prof. Ed.*
*T. H. Kerrey, M. S., *Asst. Prof. Ed. and Supervising Teacher in Agr.*
*E. A. Lightfoot, B. S., *Asst. Prof. Ed. and Supervising Teacher in Voc. Agr.*
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*E. H. Thorne, M. A., *Asst. Prof. Ed.*
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*†E. C. Sauve, M. S., *Asst. Prof. and Res. Asst. in Agr. Engin.*
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Entomology:

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‡C. B. Dibble, M. S., *Insect Control Spec.*
*†Eugenia I. McDaniel, A. B., *Assoc. Prof. and Res. Assoc. in Ent.*
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Entomology—Continued.

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Extension (Admin.): [1]

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‡R. E. Decker, B. S., *Asst. Dir.*
‡Edna V. Smith, B. S., *State Home Dem. Agt. Leader.*
‡A. G. Kettunen, B. S., *State Club Leader.*
‡C. V. Ballard, B. S., *State County Agt. Leader.*
‡M. H. Avery, B. S., *Asst. State Club Leader.*
‡Olga Bird, M. A., *Asst. State Club Leader.*
‡Beatrice C. Boyle, B. S., *Asst. State Club Leader.*
‡R. G. Carr, B. S., *Asst. to State County Agt. Leader.*
‡Lois M. Corbett, B. S., *Asst. State Club Leader.*
‡Lola B. Green, M. A., *Asst. State Club Leader.*
‡Margaret B. Harris, M. A., *Asst. State Home Dem. Agt. Leader.*
‡B. D. Kuhn, B. S., *Asst. County Agt. Leader.*
‡P. G. Lundin, B. S., *Asst. State Club Leader.*
‡Marcella M. Meyer, B. S., *Asst. State Club Leader (P. O., Marquette).*
‡Nevels Pearson, B. S., *Asst. State Club Leader.*
‡C. A. Rood, B. S., *Asst. State Club Leader (P. O., Marquette).*
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‡J. G. Wells, Jr., B. S., *Asst. County Agt. Leader (P. O., Chatham).*

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Farm Management—Continued.

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*Karl Dressel, B. S., M. F., *Assoc. Prof. For.*
*H. L. Hansen, B. S., *Instr. For.*
*J. H. Husted, M. S., *Asst. Prof. For.*
*A. J. Panshin, Ph. D., *Assoc. Prof. For.*
*P. W. Robbins, B. S., *Asst. Prof. Silviculture, Supt. of For. Nursery.*
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[1] For subject-matter workers see the respective division: i. e., animal husbandry, botany and plant pathology, etc.

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Horticulture—Continued.

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Journalism and Publications:

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†‡J. G. Duncan, B. S., *Asst. Bul. Editor.*
*L. H. Geil, M. A., *Asst. Prof. Journalism.*
‡E. N. Huby, *Photog.*
*D. W. Kuykendall, M. A., *Instr. Journalism.*
*Ralph Norman, M. A. *Instr. Journalism.*
‡E. B. Swingle, B. S., *Asst. Editor.*

Landscape Architecture:

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*C. W. Barr, M. S., *Asst. Prof. Landsc. Arch.*
*C. S. Gerlach, B. S., B. L. A., *Asst. Prof. Landsc. Arch.*
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*W. G. Keck, M. S., *Asst. Prof. Phys.*
*J. W. McGrath, Ph. D., *Instr. Phys.*
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Short Courses:

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*D. H. Shepard, B. S., *Voc. Supvr. W. K. Kellogg Scholarship Short Course.*

Short Courses—Continued.

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*H. S. Wilt, B. S., *Voc. Supvr. Gen. Agr. Short Course.*

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Veterinary Science:

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Veterinary Science—Continued.

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M. W. Day, B. S., *Supt.*
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Walter Toenjes, M. S., *Supt.*
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Substations—Continued.

South Haven Hort. Expt. Sta., *P. O., South Haven—*
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——— ———, *State County Agt. Leader.*
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‡A. J. Kittleson, *State Club Leader.*
‡E. W. Aiton, B. S., *Asst. State 4-H Club Leader.*
‡Clifford Cairns, B. S., *State Club Agt.*
‡Ruby E. Christensen, B. S., *Rural Youth Agt.*
‡R. M. Douglass, B. S., *Dist. County Agt. Leader.*
‡A. E. Engebretson, M. S., *Dist. County Agt. Leader.*
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Forestry—Continued.

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Animal Husbandry—Continued.

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A. L. Baker, B. S., *Assoc. An. Husb. (Cattle).*
R. E. Hutton, B. S., *Asst. An. Husb. (Swine).*

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry and range management, etc.
[2] On leave.
[3] In cooperation with the U. S. Department of Agriculture.

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‡J. R. Redditt, B. S., *Ext. Poultry Husb.*

Miscellaneous:
*†Edna C. Noble, B. L., *Libr.*

[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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H. A. McComb, B. S., *Asst. Hort.*
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Scottsbluff Substa., *P. O., Mitchell*—
Lionel Harris, M. S., *Asst. Agron. and Supt.*
Valentine Substa., *P. O., Valentine*—
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Miscellaneous:

†Agnes Schmith, *Libr. and Secy.*

[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

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Bryan Harris, *Herdsman.*
Coastal Plain Branch Sta., *P. O., Willard*—
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[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

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Entomology—See **Zoology.**

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
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†H. H. Rampton, M. S., *Assoc. Agron.* (*Coop. U. S. D. A.*).
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Food Industries:

*†E. H. Wiegand, B. S., *Prof. and Head of Dept.* (*Coop. U. S. D. A.*).
*†E. W. Harvey, Ph. D., *Asst. Prof. and Res. Asst. in Food Indus.*
*†Thomas Onsdorff, M. S., *Assoc. Prof. Food Indus.; Assoc. Food Indus. Technol.*

Horticulture:

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†Elmer Hansen, M. S., *Asst. Hort.* (*Pomol.*).
‡O. T. McWhorter, B. S., *Ext. Hort.*
*†A. N. Roberts, M. S., *Instr. and Asst. Hort.*
†C. E. Schuster, M. S., *Hort.* (*Coop. U. S. D. A.*).
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Soils:

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‡I. C. DeArmond, B. S., *Ext. Soil Conserv.*
*†J. M. Haley, B. S., *Asst. Prof. and Asst. Irrig. Engin.* (*Coop. U. S. D. A.*).
‡A. S. King, M. S., *Soils Spec.*
†M. R. Lewis, B. S., C. E., *Irrig. and Drainage Engin.* (*Coop. U. S. D. A.*).
‡G. T. Newcomb, M. S., *Asst. Soils Spec.*
*†C. V. Ruzek, M. S., *Prof. Soil Fert.; Soil Sci.* (*Fert.*).
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Bacteriology:

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*†W. B. Bollen, Ph. D., *Assoc. Prof. and Assoc. Bact.*
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*†J. E. Simmons, M. S., *Prof. Bact.; Bact.*

Botany and Plant Pathology:

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†F. D. Bailey, M. S., *Assoc. Plant Path. (Coop. U. S. D. A.).*
†B. F. Dana, M. S., *Plant Path. (Coop. U. S. D. A.).*
†G. R. Hoerner, M. S., *Agt. (Coop. U. S. D. A.).*
†F. P. McWhorter, Ph. D., *Plant Path. (Coop. U. S. D. A.).*
†J. A. Milbrath, Ph. D., *Asst. Plant Path.*
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Chemistry:

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†D. E. Bullis, M. S., *Assoc. Chem.*
†J. R. Haag, Ph. D., *Chem. (An. Nutr.).*
†M. B. Hatch, M. S., *Asst. Chem.*
†R. H. Robinson, M. S., *Chem. (Insect. and Fungicide).*
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Editorial—See **Journalism.**

Education (Agr.):

*H. H. Gibson, A. M., *Prof. and Head of Dept.*
*R. M. Adams, M. S., *Supervising Teacher in Agr. Ed.*

Engineering (Agr.):

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†C. I. Branton, B. S., *Asst. Agr. Engin.*
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†W. M. Hurst, B. S., *Agr. Engin. (Coop. U. S. D. A.).*
*R. N. Lunde, B. S., *Asst. Prof. Agr. Engin.*
*†F. E. Price, B. S., *Prof. Agr. Engin.; Agr. Engin. in charge.*
*†H. R. Sinnard, M. S., *Assoc. Prof. and Assoc. Agr. Engin. (Farm Structures).*
†G. R. Stafford, *Engin. Aide (Coop. U. S. D. A.).*
*Clyde Walker, M. S., *Assoc. Prof. Agr. Engin.*

Entomology:

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*W. J. Chamberlin,[1] Ph. D., *Assoc. Prof. Ent.*
†K. W. Gray, M. S., *Asst. Ent.*
†S. C. Jones, M. S., *Asst. Ent.*
†H. E. Morrison, M. S., *Asst. Ent.*
†Joe Schuh, M. S., *Asst. Ent.*
†B. G. Thompson, Ph. D., *Assoc. Ent.*

Extension (Admin.):[2]

‡W. A. Schoenfeld, B. S., M. B. A., *Dir.*
‡W. L. Teutsch, B. S., *Asst. Dir.*
‡C. W. Smith, B. S., *County Agt. Leader.*
‡Mrs. Azalea L. Sager, M. A., *State Home Dem. Leader.*

Extension (Admin.)—Continued.

‡H. C. Seymour, *State 4-H Club Leader.*
‡L. J. Allen, M. S., *Asst. State 4-H Club Leader.*
‡J. R. Beck, B. S., *Land Use Spec.*
‡U. S. Burt, *Visual Instr. Spec.*
‡Helen J. Cowgill, M. A., *Asst. State 4-H Club Leader.*
‡C. L. Smith, M. S., *Asst. County Agt. Leader.*
‡R. H. Sterling, B. S., *Asst. Spec. in Land Use Planning.*
‡J. M. Clifford, *Secy.*

Home Economics:

*Ava B. Milam, M. A., *Dean of School.*
*Florence E. Blazier, Ph. D., *Prof. and Head Dept. of Home Econ. Ed.*
*Alma C. Fritchoff, M. A., *Prof. and Head Dept. of Clothing, Textiles, and Related Arts.*
*Melissa Hunter, M. A., *Prof. and Head Dept. of Institution Econ.*
*Mrs. Sara W. Prentiss, M. A., *Prof. Child Development and Parent Ed. Head Dept. of Household Admin.*
*Mrs. Jessamine C. Williams, M. A., *Prof. and Head Dept. of Foods and Nutr.*
*Mildred M. Arnold, M. S., *Instr. Foods and Nutr.*
*Georgia C. Bibee, B. S., *Asst. Prof. Institution Econ.*
*Mrs. Esther W. Bodner, B. S., *Supervising Teacher in Home Econ. Ed.*
*Mrs. Vera H. Brandon, Ph. D., *Prof. Child Development.*
*‡Lucy A. Case, M. A., *Assoc. Prof. Foods and Nutr., Ext. Nutr.*
*May Du Bois, M. S., *Asst. Prof. Home Econ. Ed.*
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*Margaret L. Fincke, Ph. D., *Assoc. Prof. Foods and Nutr.*
*E. Alta Garrison, M. A., *Asst. Prof. Foods and Nutr.*
*Dorothy Gatton, M. A., *Assoc. Prof. Clothing, Textiles, and Related Arts.*
‡Izola D. Jensen, M. A., *Community Social Organ. Spec.*
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*‡Lucy R. Lane, M. A., *Asst. Prof. and Spec. in Clothing and Textiles.*
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[1] On leave.
[2] For subject-matter workers see the respective division; i. e., animal industries. etc.

Home Economics—Continued.

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Journalism:

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*†‡E. T. Reed, B. S., *Editor and Head Dept. of Pubs.*
*Ethel E. Allen, B. S., *Asst. Editor.*
*†‡F. L. Ballard, B. S., *Agr. Pubs. Editor and Prof. Ext. Methods.*
*†‡J. C. Burtner, B. S., *in charge News Service, Ext. Editor.*
*†‡D. M. Goode, M. A., *Editor.*
*T. W. Johnson, M. S., *Asst. Prof. Journalism.*
*F. M. Shideler, B. S., *Assoc. Prof. Journalism.*

Miscellaneous:

*Lucy M. Lewis, A. B., B. L. S., *Libr.*

Branch Stations:

Eastern Oreg. Livestock Branch Expt. Sta., *P. O., Union*—
D. E. Richards, B. S., *Supt.*
Hood River Branch Expt. Sta., *P. O., Hood River*—
Leroy Childs, A. B., *Supt. and Ent.*
G. G. Brown, B. S., *Hort.*
J. R. Kienholz, Ph. D., *Asst. Path. (Coop. U. S. D. A.).*

Branch Stations—Continued.

John Jacob Astor Branch Expt. Sta., *P. O., Astoria*—
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Klamath Falls Experimental Area, *P. O., Klamath Falls*—
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Sherman Branch Expt. Sta., *P. O., Moro*—
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PENNSYLVANIA

School of Agriculture, Agricultural Experiment Station, and the Department of Home Economics of the Pennsylvania State College,[1] *State College*

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Agronomy:

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Animal Husbandry—Continued.

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*†J. F. Shigley, D. V. M., *Prof. Vet. Sci.*
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*†L. F. Marcy, A. M., *Instr. An. Nutr.*
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Bacteriology—Continued.

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*†L. O. Overholts, Ph. D., *Prof. Bot.*
*†H. W. Popp, Ph. D., *Prof. Bot.*
*‡H. W. Rankin, M. S., *Asst. Prof. Plant Path. Ext.*
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*†H. A. Wahl, Ph. D., *Asst. Prof. Bot.*
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Chemistry (Agr. and Biol.):

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*†D. E. H. Frear, Ph. D., *Asst. Prof. Agr. and Biol. Chem.*
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*†N. B. Guerrant, Ph. D., *Prof. Biol. Chem.*
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Dairy Husbandry:

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*†S. I. Bechdel, Ph. D., *Prof. Dairy Prod.*
*†C. D. Dahle, Ph. D., *Prof. Dairy Mfrs.*
*†F. J. Doan, M. S., *Prof. Dairy Mfrs.*
*‡C. R. Gearhart, B. S., *Asst. Prof. Dairy Husb. Ext.*
*†P. D. Jones, *Asst. in Dairy Husb.*
*†D. V. Josephson, M. S., *Instr. Dairy Mfrs.*
*†F. P. Knoll, *Asst. in Dairy Mfrs.*
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Dairy Husbandry—Continued.

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*‡I. E. Parkin, B. S., *Asst. Prof. Dairy Husb. Ext.*
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*‡M. J. Armes, B. S., *Asst. Prof. Farm Mgt. Ext.*
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*‡Kenneth Hood, Ph. D., *Asst. Prof. Agr. Econ. Ext.*
*†M. E. John, Ph. D., *Assoc. Prof. Rural Sociol.*
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*‡R. W. Kerns, Ph. D., *Assoc. Prof. Rural Sociol. Ext.*
*‡F. E. Manning, *Instr. Agr. Econ. Ext.*
*†J. L. E. McCord, Ph. D., *Prof. Farm Mgt. and Agr. Econ.*
*‡E. L. Moffitt, M. S., *Prof. Farm Mgt. Ext.*
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*†P. I. Wrigley, M. S., *Asst. Prof. Agr. Econ.*

Editorial:

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*†F. P. Ferguson, B. S., *Asst. Prof. Agr. Journalism.*

Education (Agr.):

*†H. S. Brunner, M. S., *Head of eDpt.*
*†C. S. Anderson, Ph. D., *Prof. Agr. Ed.*
*†W. A. Broyles, Ph. D., *Prof. Agr. Ed.*
*†J. W. Decker, B. S., *Instr. Agr. Ed.*
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*‡J. R. Haswell, C. E., *Prof. Agr. Engin. Ext.*
*†J. E. Nicholas, M. E., M. S., *Prof. Agr. Engin.*
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*†E. W. Schroeder, B. S., *Instr. Agr. Engin.*
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Entomology—See **Zoology.**

Extension (Admin.)[1]

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*‡P. L. Edinger, M. S., *Asst. Dir.*
*‡J. M. Fry, B. S., *Asst. Dir.*
*‡H. G. Niesley, M. S., *Asst. Dir.*
*‡W. R. White, M. S., *Prof. in charge Corresp. Courses in Agr.*
*‡A. L. Baker, M. S., *Prof. Agr. Ext. and State Club Leader.*

[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Extension (Admin.)—Continued.

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*‡Lora M. Pinder, M. A., *Asst. State Home Dem. Leader.*
*‡A. B. Bingham, M. S., *Asst. State Club Leader.*
*‡W. S. Jeffries, M. S., *Asst. State Club Leader.*
*‡J. F. Keim, M. S., *Asst. State Club Leader.*
*‡C. P. Lang, B. S., *Assoc. State Club Leader.*
*‡Martha E. Leighton, B. S., *Asst. State Club Leader.*
*‡Elsie Trabert, B. S., *Asst. State Club Leader.*
*‡R. M. Decker, B. S., *Instr. Agr. Ext.*
*‡G. F. Johnson, Ph. D., *Asst. Prof. Agr. Ext.*

Forestry:

*†V. A. Beede, B. A., M. F., *Head of Dept.*
*†W. C. Bramble, M. F., Ph. D., *Assoc. Prof. For.*
*†H. H. Chisman, B. S., M. F., *Instr. For. (P. O., Mont Alto).*
*†H. N. Cope, B. S., *Prof. For. (P. O., Mont Alto).*
*†Max Dercum, B. S., *Asst. Prof. For.*
*†W. G. Edwards, M. S., *Prof. Lumbering.*
*†M. K. Goodard, M. S., *Asst. Prof. For.*
*†M. W. Humphrey, B. A., M. F., *Asst. Prof. For.*
*†H. A. Meyer, Dr. Sc. Tech., *Asst. Prof. For.*
*‡F. T. Murphey, B. S., M. F., *Prof. For. Ext.*
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†D. B. Roderick, B. A., *Asst. Chem.*
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‡V. A. Henry, B. S., *Dairy Spec.*
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Economics (Agr.) and Rural Sociology—Continued.

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‡D. C. Sturgis, M. S., *Asst. Ext. Econ.*
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Education (Voc.):

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*J. L. Brock, M. A., *Actg. Assoc. Prof. Voc. Ed.*
*Z. H. Burns, Ed. D., *Actg. Asst. Prof. Voc. Ed.*
†Helen Coker, B. S., *Res. Asst. in Voc. Agr. Ed.*
*W. G. Crandall, B. S., *Prof. Voc. Ed.*
*W. E. Johnson, B. S., *Asst. Prof. Agr. Ed.* (*P. O., Seneca*).
*R. M. Jones, B. S., *Instr. Voc. Ed.* (*P. O., Pendleton*).
*F. E. Kirkley, B. S., *Asst. Prof. Agr. Ed.* (*P. O., Central*).
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*Verd Peterson, A. B., *Consult. Prof. Agr. Ed.* (*P. O., Columbia*).
*B. H. Stribling, B. S., *Assoc. Prof. Voc. Ed.*
*H. S. Tate,[1] M. A., *Assoc. Prof. Voc. Ed.*
*T. A. White, Ph. D., *Prof. Voc. Ed.*

Engineering (Agr.):

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†G. H. Dunkelberg, M. S., *Assoc. Agr. Engin.*
†H. A. Einstein, Ph. D., *Hydraulic Engin.* (*Coop. U. S. D. A.*).
*†W. N. McAdams, M. S., *Instr. and Asst. in Agr. Engin.*
‡M. C. McKenzie, B. S., *Asst. to Agr. Engin.*
‡C. V. Phagan, B. S., *Ext. Agr. Engin.*
‡G. H. Stewart, M. S., *Rural Electrification Spec.*
‡E. C. Turner, B. S., *Ext. Soil Conserv.*

Entomology—See **Zoology.**

Extension (Admin.):[2]

‡D. W. Watkins, M. A., *Dir.*
‡T. W. Morgan, M. S., *Asst. Dir.*
‡G. C. Meares, B. S., *Asst. to Dir. and in charge Visual Instr.*
‡Lonny I. Landrum, B. S., *State Home Dem. Agt.* (*P. O., Rock Hill*).

---

[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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‡L. O. Clayton, B. S., *Asst. State Club Agt.*
‡Harriette B. Layton, *Asst. State Home Dem. Agt. (P. O., Rock Hill).*
†O. R. Smith, B. S., *Asst. State Club Agt.*
‡L. W. Riley, *Asst. in Visual Instr.*
‡Bessie Harper, B. A., *Dist. Agt. (P. O., Aiken).*
‡J. T. Lazar, B. S., *Dist. Agt. (P. O., Florence).*
‡L. B. Massey, B. S., *Dist. Agt. (P. O., Spartanburg).*
‡Juanita Neely, M. S., *Dist. Agt. (P. O., Rock Hill).*
‡Mrs. Theodosia D. Plowden, *Dist. Agt. (P. O., Sumter).*
‡A. H. Ward, B. S., *Dist. Agt. (P. O., Aiken).*

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‡C. R. Ross, B. S., M. F., *Asst. Ext. For.*

Home Economics: [1]

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‡Martha W. Buttrill, M. A., *Ext. Nutr.*
†Mary E. Frayser, M. A., *Home Econ.*
‡Portia Seabrook, M. S., *Home Mgt. Spec.*
‡Mrs. Dora D. Walker, A. B., *Prod. and Conserv. Spec. (P. O., Appleton).*
‡Elizabeth S. Watson, M. A., *Clothing Spec.*

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‡E. H. Rawl, M. S., *Ext. Hort. in charge.*
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Publications:

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Veterinary Science—Continued.

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Pee Dee Expt. Sta., *P. O., Florence*—
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*Gabe Buckman, B. S., *Asst. Prof. Agr. Ed.*
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*W. C. Hurley, M. S., *Assoc. Prof. Dairy Husb.*
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‡Marian B. Paul, B. S., *Supvr. Home Dem. Work.*
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*S. M. Pinckney, B. S., *Prof. Field Crops.*
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*P. R. Webber, Jr., B. S., *Assoc. Prof. Econ.*
*Annie B. Williams, B. S., *Assoc. Prof. Clothing.*
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†I. B. Johnson, M. A., *Dir. of Sta.*
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‡R. E. Hansen, B. A., *Ext. Soil Conserv.*
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Animal Husbandry:
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*†F. U. Fenn, M. S., *Assoc. Prof. and Assoc. An. Husb.*
*†L. E. Johnson, Ph. D., *Assoc. Prof. and Assoc. An. Husb.*
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Botany, Plant Pathology, and Bacteriology:
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Chemistry:
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Editorial—See **Journalism.**

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*J. A. Bonell, *Asst. Prof. Agr. Engin.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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‡Tyrus Thompson, B. S., *State Club Leader.*
‡Geraldine G. Fenn, B. S., *Asst. in Club Work.*
‡Agnes M. Hansen, B. S., *Asst. State Club Leader.*
‡Esther Taskerud, B. S., *Asst. in Club Work.*
‡W. E. Dittmer, B. S., *Dist. Supvr.*
‡J. L. Hill, B. S., *Dist. Supvr.*
‡Clarence Shanley, B. S., *Dist. Supvr.*

Home Economics:

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*Helen L. Brown, B. S., *Instr. Home Econ.*
‡Mary A. Covert, B. E., *Home Mgt. Spec.*
*Elsie A. Darrington, B. S., *Instr. Home Econ. Ed.*
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*Laura J. McArthur, M. S., *Asst. Prof. Home Econ.*
*Mary L. Morr, M. S., *Instr. Home Econ.*
‡K. Lorette Nelson, B. S., *Home Mgt. Spec.*
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*Amanda Rosenquist, M. A., *Asst. Prof. Home Econ.*
‡Maude E. Stitt, M. A., *Ext. Nutr.*
‡Mrs. Anna D. Walker, B. S., *Clothing Spec.*
*F. Mildred Walker, M. S., *Itinerant Teacher Trainer.*
†Helen M. Ward, M. S., *Res. Asst. Home Econ.*
*Mary L. Williams, B. S., *Instr. Home Econ.*
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Horticulture and Forestry:

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Journalism (Rural):

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Journalism (Rural)—Continued.

*‡E. R. Bales, B. S., *Instr. and Visual Ed. Spec.*
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†‡J. A. Rohlf, B. S., *Asst. Sta. and Ext. Editor.*
‡J. M. Ryan, B. S., *Ext. Editor.*
‡R. B. Wheeler, B. S., *Radio Spec.*

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*†R. P. Ahlquist, Ph. D., *Asst. Prof. Pharmacol.; Pharmacol.*
*C. T. Eidsmoe, Ph. C., M. S., *Prof. Pharm.*
*†G. C. Gross, M. S., *Instr. Pharm.; Pharm. Chem.*

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*†W. O. Wilson, M. S., *Asst. Prof. and Asst. in Poultry Husb., Actg. Head of Dept.*
‡Raphael Brandreit, B. S., *Ext. Poultryman.*
‡Richard Heeren, *Asst. Ext. Poultryman.*
‡R. E. Mernaugh, B. S., *Asst. Ext. Poultryman.*
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Sociology (Rural):

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Zoology—See **Entomology.**

Substations:

Cottonwood—R. G. Smith, *Foreman.*
Eureka—E. E. Stickel, *Foreman.*
Highmore—S. W. Sussex, *Foreman.*
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†R. C. Eckhardt, M. S., *Assoc. Agron.* (*Corn Brdg.: Coop. U. S. D. A.*).

Agronomy—Continued.

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†John Franklin, *Plot Asst.*
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*J. B. Hayes, B. S., *Instr, Agr.* (*P. O., Martin*).
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†R. L. Long, *Plot Asst.* (*P. O., Bell Buckle*).
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Agronomy—Continued.

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†J. K. Underwood, M. S., *Assoc. Agron.*
†J. L. Vandiver, B. S., *Asst. Agron.* (*Coop. U. S. D. A.: P. O., Greenville*).
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*W. E. Grainger, B. S., *Instr. Chem.*
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*A. R. McKinney, M. A., *Actg. Instr. Chem.*
*A. D. Melaven, Ph. D., *Asst. Prof. Chem.*
*A. E. Michaels, Ph. D., *Instr. Chem.*
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†H. M. Carlton, *Market Invest.*
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‡Max Falkner, B. A., *Arch.*
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Editorial:

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‡A. J. Sims, *Ext. Editor.*
‡S. M. Carson, *Asst. Ext. Editor* (*P. O., Nashville*).
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*†M. A. Sharp, M. S., *Head of Dept.*
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†J. H. Cupp, *Asst. in Phys.*
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†J. F. Leahy, B. S., *Indus. Engin.*
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*G. M. Peterson, B. S., *Instr. Agr. Engin.*
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‡J. H. McLeod, M. S., *Asst. Dir. in charge Projects and Programs.*
‡H. S. Nichols, B. S., *Asst. Dir. in charge County Agt. Work.*
‡Margaret A. Ambrose, *Asst. Dir. in Charge Home Dem. Work.*
‡G. L. Herrington, B. S., *Boys' Club Leader.*
‡L. O. Colebank, B. S., *Asst. Club Leader.*
‡Florence D. McTeer, *Secy.*
‡E. D. Stivers, M. S., *Spec. in Ext. Methods.*

Forestry—See **Horticulture.**

Geology:

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*R. E. L. Collins, Ph. D., *Assoc. Prof. Geol.*
*C. S. Maurice, Ph. D., *Asst. Prof. Geol.*
*Caspar Rappenecker, Ph. D., *Instr. Geol.*
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*Myra L. Bishop, M. A., *Asst. Prof. Home Mgt.*
*M. Ruth Buckley, M. A., *Prof. Foods and Institution Mgt.*
*Esther M. Chapman, M. S., *Asst. Prof. Textiles and Clothing.*
*Mrs. Mary P. Charlton, M. A., *Assoc. Prof. Related Art.*
*Ella J. Day, Ph. D., *Prof. Child Development.*
†Mary L. Dodds, Ph. D., *Assoc. Home Econ.*
*Doris Ekstrom, M. S., *Instr. Textiles and Clothing.*
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*Helen L. Hawkins, M. S., *Head Dept. of Arts, Textiles, and Clothing (P. O., Martin).*
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‡Lillian L. Keller, *Clothing and Household Mgt. Spec.*
*Druzilla Kent, Ph. D., *Prof. Home Econ. Ed.*
*†Florence L. MacLeod, Ph. D., *Prof. Nutr.; Home Econ.*
*Lyle Mamer, M. S., *Asst. Prof. Home Mgt.*
*Imogene Manning, M. S., *Asst. Prof. Nutr.*
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*Letty B. Mitchell, A. M., *Assoc. Prof. Home Econ. Ed.*
†Elise Morrell, M. S., *Asst. Nutr. Chem.*
*Marion E. Peterson, M. S., *Instr. Child Development.*
*Margaret Puffer, M. S., *Instr. Nutr. and Home Mgt.*
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Horticulture:

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†L. A. Fister, B. S., *Asst. Hort. (P. O., Jackson).*
*T. H. Jones, M. S., *Actg. Instr. Hort.*
*J. E. McMahan, M. S., *Assoc. Prof. Hort. and Head Dept. of Agr. (P. O., Martin).*
*Arthur Meyer, M. S., *Asst. Prof. Hort.*
*A. E. Mitchell, M. S., *Instr. Hort.*
*Otha Ogle, *Foreman of Fruit Farm.*
‡W. C. Pelton, M. S., *Hort. Spec.*

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[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Horticulture—Continued.

‡G. B. Shivery, B. S., M. F., *Farm For. Spec.*
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Veterinary Science:

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Zoology—Continued.

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Substations:

Mericourt Expt. Sta., *P. O., Clarksville*—
Lester Weakley, *Asst.*
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*B. R. Dana, M. S., *Instr. An. Husb.*
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*I. F. Edwards, M. S., *Instr. An. Husb.*
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‡E. M. Regenbrecht, M. S., *Swine Husb.*
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Biology:

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*T. W. Bretz, Ph. D., *Asst. Prof. Biol.*
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*G. E. Potter, Ph. D., *Prof. Zool.*
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[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
[3] Texas Forest Service.

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[1] In cooperation with Branch Agricultural College, Cedar City.
[2] For subject-matter workers see the respective division; i. e., agronomy and soils, animal husbandry, etc.
[3] On leave.

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal and dairy industry, etc.

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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*‡H. L. Ewbank, Ph. D., *Prof. (Rural Sociol.).*
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A. M. Strommen, M. S., *Instr. in Branch Stas. (P. O., Spooner).*

Substations—Continued.

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C. J. Kindschi, B. S., *Asst. in Branch Stas. (P. O., Hancock)*.

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Education (Agr.):

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[1] On leave.
[2] Courses given in Division of Letters and Science.
[3] For subject-matter workers see the respective division; i. e., agronomy and economics (agr.), animal production, etc.

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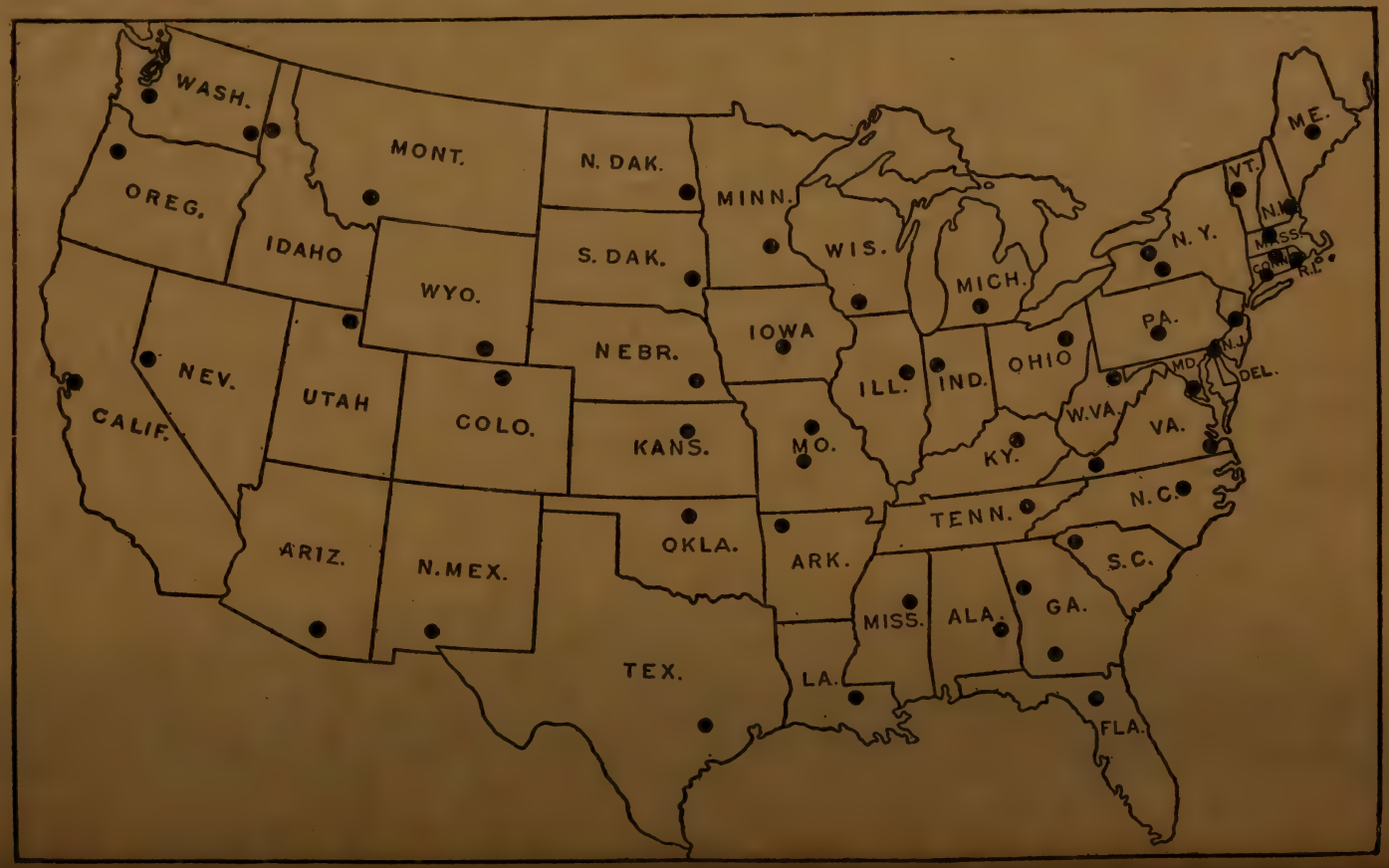

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UNITED STATES
DEPARTMENT OF AGRICULTURE
Miscellaneous Publication No. 510

Washington, D. C. May 1943

WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN LAND-GRANT COLLEGES AND EXPERIMENT STATIONS

1942–43

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TITLES AND SERIES OF PUBLICATION SINCE THE FIRST ISSUE IN 1889

Organization of the Agricultural Experiment Stations in the United States. 1889. (Published as U. S. Dept. Agr., Off. Expt. Stas. Bul. 1.)

Organization Lists of the Agricultural Experiment Stations, and Agricultural Schools and Colleges in the United States. 1890. (U. S. Dept. Agr., Off. Expt. Stas. Bul. 5.)

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Superseded by List of Workers in Subjects Pertaining to Agriculture and Home Economcs in the U. S. Department of Agriculture and the State Agricultural Colleges and Experiment Stations. (Unnumbered series running through 1921–22.)

1914. The 1913 edition corrected to June 1914.
1915. Corrected to August 1, 1915.
1916. None published—corrections brought to January 1917.

List of Workers in Subjects Pertaining to Agriculture and Home Economics. Part 1. United States Department of Agriculture. Part 2. State Agricultural Colleges and Experiment Stations.

1917–18.
1918–19. ["Marketing" added to title for this issue only.]
1919–20. Not published.
1920–21.
1921–22.
1922–23. Issued as Misc. Circ. 4 (pt. 1 not published).
1923–24. Issued as Misc. Circ. 17 (pt. 1 not published).

Title changed to "List of Workers in Subjects Pertaining to Agriculture in State Agricultural Colleges and Experiment Stations," 1924–25. Misc. Circ. 34.

Workers in Subjects Pertaining to Agriculture in State Agricultural Colleges and Experiment Stations.

1925–26. Misc. Circ. 58.
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1934–35. Misc. Pub. 214.
1935–36. Misc. Pub. 234.

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1936–37. Misc. Pub. 254.
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1939–40. Misc. Pub. 378.
1940–41. Misc. Pub. 420.
1941–42 .Misc. Pub. 480.
1942–43. Misc. Pub. 510.

UNITED STATES
DEPARTMENT OF AGRICULTURE
Miscellaneous Publication No. 510

Washington, D. C. May 1943

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Soil Survey: W. H. PIERRE, of Iowa; RICHARD BRADFIELD, of New York, *chairman;* L. D. BAVER, of North Carolina; with J. L. BOATMAN, H. H. BENNETT, and R. M. SALTER, of the United States Department of Agriculture.

Post-War Problems: T. W. SCHULTZ, of Iowa; E. J. KYLE, of Texas, *chairman;* W. I. MYERS, of New York; with H. R. TOLLEY, L. A. WHEELER, and M. L. WILSON, of the United States Department of Agriculture.

Training for Government Service: C. E. FRILEY, of Iowa, *chairman;* F. C. SMITH, of Tennessee; C. L. CHRISTENSEN, of Wisconsin; with T. ROY REID, R. F. HENDRICKSON, W. W. STOCKBERGER, P. V. CARDON, LOUISE STANLEY, M. C. WILSON, C. F. TAEUSCH, C. R. BALL, C. W. WARBURTON, and C. O. HENDERSON, of the United States Department of Agriculture.

KEY TO ABBREVIATIONS

Acct., Accountant, Accounts.
Actg., Acting.
Admin., Administration, Administrative.
Agr., Agriculture, Agriculturist, Agricultural.
Agron., Agronomy, Agronomist.
Agt., Agent.
An., Animal.
Anal., Analytical, Analysis.
Anat., Anatomy.
Arch., Architect, Architecture, Architectural.
Assoc., Associate, Association.
Asst., Assistant.
Bact., Bacteriology, Bacteriologist.
Biochem. Biochemist, Biochemistry, Biochemical.
Biol., Biology, Biologist, Biological.
Bldg., Building(s).
Bot., Botany, Botanist, Botanical.
Brdg., Breeding.
Bul., Bulletin.
Chair., Chairman.
Chem., Chemistry, Chemist, Chemical.
Climat., Climatology, Climatologist.
Coll., College.
Collab., Collaborator, Collaborating.
Comn., Commission.
Comp., Comparative.
Comr., Commissioner.
Conserv., Conservation, Conservationist.
Consult., Consulting, Consultant.
Coop., Cooperation, Cooperative, Cooperator.
Corresp., Correspondence, Correspondent.
Dem., Demonstration, Demonstrator.
Dept., Department.
Dir., Director.
Dist., District.
Div., Division.
Dom., Domestic.
Ecol., Ecology, Ecologist, Ecological.
Econ., Economy, Economic(s), Economist.
Ed., Education, Educational.
Engin., Engineer, Engineering.
Ent., Entomology, Entomologist, Entomological.
Equip., Equipment.
Erad., Eradication.
Exec., Executive.
Expt., Experiment, Experimental, Experimentalist.
Ext., Extension.
Fert., Fertility, Fertilizer.
Flor., Floriculture, Floriculturist, Floricultural.
For., Forestry, Forester.
Gard., Gardening, Gardener.
Gen., General.
Geog., Geography.
Geol., Geology, Geologist, Geological.
Grad., Graduate.
Histol., Histology, Histologist.
Hon., Honorary.
Hort., Horticulture, Horticulturist, Horticultural.
Husb., Husbandry, Husbandman.
Hyg., Hygiene.
Illus., Illustration, Illustrative.
Indus., Industry, Industrial, Industries.
Inorg., Inorganic.
Insp., Inspection, Inspector.
Instr., Instructor, Instruction.
Insts., Institutes.
Invest., Investigations, Investigational, Investigator.
Irrig., Irrigation, Irrigationist.
Lab., Laboratory.
Landsc., Landscape.
Lect., Lecturer.
Libr., Library, Librarian.
Mach., Machine, Machinery.
Mech., Mechanics, Mechanical.
Med., Medicine, Medical.
Met., Meteorology, Meteorologist.
Mfg., Manufacturing.
Mfrs., Manufactures.
Mgr., Manager.
Mgt., Management.
Microbiol., Microbiology, Microbologist.
Mktg., Marketing
Morphol., Morphology, Morphologist.
Mycol., Mycology, Mycologist.
Nutr., Nutrition, Nutritionist.
Olcr., Olericulture, Olericulturist.
Org., Organic.
Organ., Organization(s).
Ornith., Ornithology, Ornithologist.
Parasit., Parasitology, Parasitologist.
Path., Pathology, Pathologist, Pathological.
Pedag., Pedagogy, Pedagogics.
Pharm., Pharmacy, Pharmacist, Pharmaceutical.
Pharmacol., Pharmacology, Pharmacologist.
Photog., Photography, Photographer.
Phys., Physics, Physical.
Physiol., Physiology, Physiologist, Physiological.
Phytopath., Phytopathology, Phytopathologist, Phytopathological.
P. O., Post Office.
Pomol., Pomology, Pomologist, Pomological
Pract., Practice, Practical.
Prep., Preparatory.
Pres., President.
Prin., Principal.
Prod., Production.
Prof., Professor.
Pubs., Publications.
Res., Research.
Sci., Science, Scientist, Scientific.
Sect., Section.
Secon., Secondary.
Secy., Secretary.
Sociol., Sociology, Sociologist.
Spec., Special, Specialist.
Sta., Station.
Stat., Statistics, Statistical, Statistician.
Subsect., Subsection
Substa., Substation.
Supt. Superintendent.
Supvr., Supervisor.
Surg., Surgery.
Tech., Technical, Technician.
Technol., Technology, Technologist.
Treas., Treasurer.
Trop., Tropical.
Univ., University.
Veg., Vegetable, Vegetation.
Vet., Veterinary, Veterinarian.
Vit., Viticulture, Viticulturist, Viticultural
Voc., Vocational.
Zool., Zoology, Zoologist, Zoological.

LAND-GRANT COLLEGES AND EXPERIMENT STATIONS[1]

ALABAMA

Schools of Agriculture and Home Economics and the Agricultural Experiment Station of the Alabama Polytechnic Institute, *Auburn*

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*†M. J. Funchess, M. S., D. Sc., *Dean School of Agr., Dir. of Sta.*
‡P. O. Davis, B. S., *Dir. of Agr. Ext. Service.*
*†M. A. Glenn, *Treasurer.*

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†H. R. Albrecht, Ph. D., *Assoc. Agron.*
‡J. T. Belue, B. S., *Crop Improvement Spec.*
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†F. E. Bertram, B. S., *Asst. Agron.* (*P. O., Prattville*).
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†H. W. Reuszer, Ph. D. *Agt.* (*U. S. D. A.*).
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†J. W. Richardson, B. S., *Asst. Agron.* (*P. O., Brewton*).
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*†D. G. Sturkie, Ph. D., *Prof. Agron.; Agron.*
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‡F. W. Burns, M. S., *Ext. An. Husb.*
*†G. J. Cottier, M. A., *Assoc. Prof. and Assoc. Poultry Husb.*
*W. H. Eaton, B. S., *Assoc. Prof. Dairying.*
†R. W. Engel, Ph. D., *Assoc. An. Nutr.*
*J. G. Goodman, M. S., *Asst. Prof. Poultry Husb.*
‡W. H. Gregory, B. S., *Ext. An. Husb.*
‡J. E. Ivey, M. S., *Ext. Poultryman.*
*†D. F. King, M. S., *Prof. Poultry Husb.; Poultry Husb.*
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†W. D. Salmon, M. A., *An. Nutr.*
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Botany and Plant Pathology:

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†‡T. R. Wright, M. S., *Asst. Plant Path.* (*P. O., Fairhope*).

Chemistry (Regulatory):

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[1] In the preparation of this publication Miss Richardson was assisted by Mrs. Verla J. Alexander of the Office of Experiment Stations.

Only the names of persons directly engaged in teaching, research, or demonstration in agriculture and home economics are included in the compilation.

When the title of the position in the station differs from that in the college the latter is given first.

[2] On military leave.

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‡G. J. Fowler, B. S., *State Leader for Club Boys.*
‡T. A. Sims, B. S., *State 4-H Club Leader.*

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*Beatrice Finkelstein, M. S., *Instr. Home Econ.*
*Dana K. Gatchell, M. S., *Prof. Home Econ.*
*Thelma Graves, M. S., *Instr. Home Econ.*
‡Catherine H. Haynes, B. S., *Clothing and Handicrafts Spec.*
‡Elta Majors, M. S., *Child Care and Family Life Spec.*
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*Mrs. Inez M. Schrader, B. S., *Instr. Home Econ.*
‡Mildred R. Simon, B. S., *Ext. Nutr.*
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Home Economics—Continued.

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Horticulture and Forestry:

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Zoology—Entomology:

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*†F. S. Arant,[1] Ph. D., *Assoc. Prof. and Assoc. Ent.*
*J. D. Black, Ph. D., *Instr. Zool.-Ent.*
*†R. O. Christenson, Ph. D., *Assoc. Prof. and Assoc. Zool.*
*D. H. Copeland, B. S., *Instr. Zool.-Ent.*
†L. L. English, Ph. D., *Ent.* (*P. O., Spring Hill*).
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‡H. S. Swingle, M. S., *Fish Culturist.*

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[1] On military leave.
[2] For subject-matter workers see the respective division; i. e., agronomy and soils, animal industry, etc.

Miscellaneous:

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*†‡W. T. Ingram, *Purchasing Agt. and Acct.*
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*†W. H. Weidenbach, B. S., *Asst. to Dean and Dir.*
*†Sara Willeford, B. S., *Agr. Libr.*

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Substations—Continued.

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ALASKA

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†‡L. T. Oldroyd, B. S., *Dir. of Sta., Dir. of Ext. Service.*

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Chemistry:

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Extension (Agr.):

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‡Lydia Fohn-Hansen, B. S., *Home Dem. Leader.*
‡Harold Rice, B. S., *Dist. Agr. Agt. (P. O., Palmer).*
‡Mae Stephenson, B. S., *Dist. Home Dem. Agt. (P. O., Palmer).*
‡J. Hazel Zimmerman, B. S., *4-H Club Leader (P. O., Anchorage).*

Home Economics:

———, *Prof. Home Econ.*
*Frieda M. Steckel, M. S., *Assoc. Prof. Econ.*

Agricultural Experiment Station (Main Station at Fairbanks; Substations at Matanuska and Petersburg):

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R. J. Chadwick, B. S., *Dairyman, Fairbanks.*
D. L. Irwin, B. S., *Agron. in charge. Matanuska.*
W. J. Ebert, B. S., *Dairyman, Matanuska.*
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*†P. S. Burgess, Ph. D., *Dean Coll. of Agr., Dir. of Sta.*
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†C. H. Davis, Ph. D., *Asst. Agron.*
†Karl Harris, M. A., *Assoc. Irrig. Engin. (Coop. U. S. D. A.: P. O., Phoenix).*

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Animal Husbandry—Continued

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*†R. A. Darrow, Ph. D., *Asst. Prof. Bot.; Asst. Range Ecol.*
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*†W. S. Phillips, Ph. D., *Asst. Prof. and Asst. Bot.*
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Chemistry (Agr.) and Soils:

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Dairy Husbandry:

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*†R. N. Davis, M. S., *Prof. and Assoc. Dairy Husb.*
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‡E. M. Rovey, B. S., *Boys' and Girls' Club Spec.*
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*Edith S. Ranney, M. A., *Assoc. Prof. Home Econ.*
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†A. E. Griffiths, Ph. D., *Assoc. Hort. (P. O. Tempe).*
†R. H. Hilgeman, B. S., *Assoc. Hort. (P. O., Tempe).*
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Plant Pathology:

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D. C. Aepli, *Supt.*
University Farm, *P. O., Tucson*—
C. D. Wilson, M. A., *Supt.*
University Poultry Farm, *P. O., Tucson*—
F. W. Richardson, B. S., *Supt.*
Yuma Valley and Mesa Farms, *P. O., Yuma*—
G. H. Seamans, *Supt.*
J. B. Smith, *Asst. Supt.*

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[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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[1] On military leave.
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A. K. Ogden, B. S., *Sci. Asst.*
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Berkeley[2]

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Berkeley—Continued

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Administrative—Continued.

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‡D. T. Batchelder, B. S., *Dairy Spec.*
‡G. H. Bath, B. S., *4-H Club Spec.*
‡J. B. Brown, B. S., *Irrig. Spec.*
‡L. N. Brown, B. S., *Soil Conserv. Spec.*
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[1] On leave.
[2] The personnel with headquarters at Berkeley, Davis, Riverside, and Los Angeles, respectively, are given in separate lists.
[3] Including the Giannini Foundation of Agricultural Economics.

Berkeley—Continued

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Fruit Products:

*†W. V. Cruess, Ph. D., *Head of Div.*
*†M. A. Joslyn,[1] Ph. D., *Asst. Prof. Fruit Technol.; Asst. Chem.*
*†Gordon Mackinney, Ph. D., *Asst. Prof. Fruit Technol.; Asst. Biochem.*
*†G. L. Marsh, M. S., *Assoc. in Expt. Sta. (Fruit Products).*
*†E. M. Mrak, Ph. D., *Asst. Prof. Fruit Technol.; Asst. Mycol.*
*†R. H. Vaughn, Ph. D., *Asst. Prof. Fruit Technol.; Asst. Bact.*

Genetics (Agr.):

*†E. B. Babcock, M. S., *Head of Div.*
†D. R. Cameron,[1] Ph. D., *Junior Geneticist.*
†W. E. Castle, Ph. D., *Res. Assoc. in Genetics.*
*R. E. Clausen, Ph. D., *Prof. Genetics.*
*†E. R. Dempster, Ph. D., *Instr. and Junior Geneticist.*
*†J. A. Jenkins, Ph. D., *Instr. and Junior Geneticist.*
*†G. L. Stebbins, Jr., Ph. D., *Assoc. Prof. and Assoc. Geneticist.*

Home Economics:

*†Mrs. Agnes F. Morgan, Ph. D., *Head of Dept., Berkeley and Davis.*
†Lillian S. Bentley, B. A., *Assoc. in Expt. Sta. (Home Econ.).*
*†Jessie V. Coles, Ph. D., *Assoc. Prof. and Assoc. Home Econ.*
*†Helen L. Gillum, Ph. D., *Asst. Prof. Home Econ.; Asst. Biochem.*
*Catherine Landreth, Ph. D., *Asst. Prof. Home Econ.*
*Mae N. Lent, *Assoc. in Home Econ.*
*Mrs. Ellen B. McGowan, Ph. D., *Lect. in Textiles.*
*†Ruth Okey, Ph. D., *Assoc. Prof. Home Econ.; Assoc. Biochem.*
*†Mrs. Betty M. Watts, Ph. D., *Asst. Prof. Home Econ.; Junior Biochem.*

Irrigation:

*†Frank Adams, M. A., *Prof. Irrig.; Irrig. Econ.*

Landscape Design:

*J. W. Gregg, B. S., *Head of Div., Berkeley and Davis.*
*H. W. Shepherd, B. S., *Assoc. Prof. Landsc. Design.*
*H. L. Vaughan, B. S., *Asst. Prof. Landsc. Design.*

Berkeley—Continued

Nutrition:

†H. M. Evans, B. S., M. D., *Res. Assoc. in Expt. Biol.*

Plant Nutrition:

*†D. R. Hoagland, M. S., *Head of Div.*
*†D. I. Arnon, Ph. D., *Asst. Prof. Plant Nutr.; Asst. Plant Physiol.*
*†H. A. Barker, Ph. D., *Asst. Prof. and Asst. Soil Microbiol.*
*†J. P. Bennett, Ph. D., *Prof. Plant Physiol.; Plant Physiol.*
†T. C. Broyer, B. S., *Asst. Plant Physiol.*
*J. S. Burd, B. S., *Prof. Plant Nutr.*
†W. H. Dore, B. S., *Chem.*
*†W. Z. Hassid, Ph. D., *Asst. Prof. Plant Nutr.; Asst. Chem.*
*C. B. Lipman, Ph. D., D. Sc., (hon. c.), *Prof. Plant Physiol.*
†J. C. Martin, B. S., *Assoc. Chem.*
*†H. S. Reed, Ph. D., *Prof. Plant Physiol.; Plant Physiol.*
†P. R. Stout, Ph. D., *Assoc. in Expt. Sta. (Plant Nutr.).*
†Albert Ulrich, Ph. D., *Junior Chem. (Plant Nutr.).*

Plant Pathology:

*†M. W. Gardner, Ph. D., *Head of Div., Berkeley and Davis.*
†P. A. Ark, Ph. D., *Asst. Prof. and Asst. Plant Path.*
*†J. T. Barrett, Ph. D., *Prof. Plant Path.; Plant Path.*
†E. V. Goldsmith, *Assoc. in Expt. Sta. (Plant Path.).*
*†H. N. Hansen, Ph. D., *Assoc. Prof. and Assoc. Plant Path.*
*†T. E. Rawlins, Ph. D., *Assoc. Prof. and Assoc. Plant Path.*
†B. A. Rudolph, Ph. D., *Assoc. Plant Path. (P. O., San Jose).*
*†R. E. Smith, Sc. D., *Prof. Plant Path.; Plant Path.*
*†W. C. Snyder, Ph. D., *Asst. Prof. and Asst. Plant Path.*
*†W. N. Takahashi,[1] Ph. D., *Instr. and Junior Plant Path.*
*†Harold E. Thomas, Ph. D., *Asst. Prof. and Assoc. Plant Path.*
*†H. Earl Thomas, Ph. D., *Assoc. Prof. and Plant Path.*
†C. M. Tompkins, Ph. D., *Asst. Plant Path.*
*†C. E. Yarwood, Ph. D., *Asst. Prof. and Asst. Plant Path.*

Poultry Husbandry:

*†L. W. Taylor, Ph. D., *Head of Div., Berkeley and Davis.*
*†H. J. Almquist, Ph. D., *Assoc. Prof. and Assoc. Poultry Husb.*
*†Samuel Lepkovsky, Ph. D., *Assoc. Prof. and Assoc. Poultry Husb.*
*†I. M. Lerner, Ph. D., *Asst. Prof. and Asst. Poultry Husb.*

Soils:

*†W. P. Kelley, Ph. D., *Head of Div., Berkeley and Davis.*
*†G. B. Bodman, Ph. D., *Prof. Soil Phys.; Soil Physicist.*
†R. C. Cole, Ph. D., *Asst. Soil Technol.*
*†P. R. Day,[1] Ph. D., *Instr. Soil Phys.; Junior Soil Physicist.*
†R. A. Gardner, M. S., *Assoc. in Expt. Sta. (Soils).*
†F. F. Harradine, B. S., *Assoc. in Expt. Sta. (Soils).*
*†Hans Jenny,[1] Sc. D., *Prof Soil Chem. and Morphol.; Soil Chem. and Morphol.*
†Roy Overstreet, Ph. D., *Junior Chem. (Soils).*

[1] On leave.

Berkeley—Continued

Soils—Continued.

*†J. B. Page, Ph. D., *Instr. and Junior Soil Chem.*
†Esther P. Perry, Ph. D., *Junior Soil Technol.*
*†R. E. Storie, B. S., *Lect. and Assoc. Soil Technol.*
†W. W. Weir, *Drainage Engin.*

Veterinary Science:

*†C. M. Haring, D. V. M., *Head of Div., Berkeley and Davis.*
†R. A. Bankowski, D. V. M., *Assoc. in Expt. Sta. (Vet. Sci.).*
*†J. R. Beach, D. V. M., *Prof. Vet. Sci.; Vet.*
*†W. B. Bell,[1] D. V. M., *Assoc. in Vet. Sci. and in Expt. Sta.*
*†W. H. Boynton, D. V. M., *Prof. Vet. Sci.; Vet.*
*†K. B. DeOme, Ph. D., *Instr. and Junior An. Path.*
*†O. W. Schalm, Ph. D., D. V. M., *Asst. Prof. Vet. Sci.; Asst. Vet.*
*†Jacob Traum, D. V. M., *Prof. Vet. Sci.; Vet.*

Davis

Agronomy:

*†B. A. Madson, B. S., *Head of Div., Davis and Berkeley.*
*†A. A. Beetle, Ph. D., *Instr. and Junior Agron.*
†J. S. Bransford,[1] M. S., *Assoc. in Expt. Sta. (Agron.).*
*†F. N. Briggs, Ph. D., *Prof. Agron.; Agron.*
*†J. P. Conrad, Ph. D., *Assoc. Prof. and Assoc. Agron.*
†L. L. Davis, M. S., *Assoc. in Expt. Sta. (Agron.: P. O., Biggs).*
†L. G. Goar, *Assoc. in Expt. Sta. (Agron., Coop. U. S. D. A.: P. O., El Centro).*
†G. J. Harrison, B. L., *Assoc. in Expt. Sta. (Agron., Coop. U. S. D. A.: P. O., Shafter).*
*G. W. Hendry, B. S., *Asst. Prof. Agron.*
*†R. M. Love, Ph. D., *Asst. Prof. and Asst. Agron.*
*J. L. Myler, M. S., *Assoc. in Agron.*
†F. G. Parsons, B. S., *Assoc. in Expt. Sta. (Agron.).*
*†O. C. Riddle, B. S., *Assoc. in Agron. and in Expt. Sta.*
†F. L. Smith, Ph. D., *Asst. Agron.*
†C. A. Suneson, M. S., *Assoc. in Expt. Sta. (Agron.: Coop. U. S. D. A.).*

Animal Husbandry:[2]

*†G. H. Hart, M. D., D. V. M., *Head of Div.*
*G. A. Bell, B. S., *Assoc. in An. Husb.*
*†H. H. Cole, Ph. D., *Assoc. Prof. and Assoc. An. Husb.*
*†Harold Goss, Ph. D., *Assoc. Prof. and Assoc. An. Husb.*
*†P. W. Gregory, Sc. D., *Assoc. Prof. and Assoc. An. Husb.*
*†H. R. Guilbert, M. S., *Assoc. Prof. and Assoc. An. Husb.*
*†C. E. Howell, M. S., *Assoc. in An. Husb.; Assoc. An. Husb. (P. O., Pomona).*
*†E. H. Hughes, Ph. D., *Prof. An. Husb.; An. Husb.*
*†N. R. Ittner,[2] B. S., *Assoc. in An. Husb. and in Expt. Sta.*
*†Max Kleiber, D. Sc., *Prof. An. Husb.; An. Husb.*
*†S. W. Mead, M. S., *Assoc. Prof. and Assoc. An. Husb.*
*†R. F. Miller, M. S., *Prof. An. Husb.; An. Husb.*
*†N. P. Ralston,[1] Ph. D., *Instr. and Junior An. Husb.*

Davis—Continued

Animal Husbandry—Continued.

*†W. M. Regan, A. M., *Prof. An. Husb.; An. Husb.*
*†R. L. Squibb, B. S., *Assoc. in An. Husb. and in Expt. Sta.*
*K. A. Wagnon, B. S., *Asst. in An. Husb. (P. O., O'Neals).*
*†J. F. Wilson, M. A., *Prof. An. Husb.; An. Husb.*
†Mrs. Maxine B. Young, Ph. D., *Assoc. in Expt. Sta. (An. Husb.).*

Botany:

*†W. W. Robbins, Ph. D., *Head of Div.*
*†A. S. Crafts, Ph. D., *Assoc. Prof. and Assoc. Bot.*
*†Katherine Esau, Ph. D., *Asst. Prof. and Asst. Bot.*
*†R. N. Raynor, B. S., *Assoc. in Bot. and in Expt. Sta.*
†R. S. Rosenfels, Ph. D., *Assoc. in Expt. Sta. (Bot.: Coop. U. S. D. A.).*
*†C. R. Stocking, M. S., *Assoc. in Bot. and in Expt. Sta.*
*†T. E. Weier, Ph. D., *Assoc. Prof. and Assoc. Bot.*

Chemistry:

*†H. A. Young, Ph. D., *Head of Div.*
*†S. H. Babcock, Ph. D., *Asst. Prof. and Asst. Chem.*
*†R. M. Keefer,[1] Ph. D., *Instr. and Junior Chem.*
*R. E. Kepner, M. A., *Assoc. in Chem.*
*†H. G. Reiber, Ph. D., *Asst. Prof. and Asst. Chem.*
*†D. H. Volman, Ph. D., *Instr. and Junior Chem. (P. O., Los Angeles).*

Dairy Industry:

*†C. L. Roadhouse, D. V. M., *Head of Div.*
*†F. H. Abbott, B. S., *Assoc. in Dairy Indus.*
*†W. C. Cole, M. S., *Assoc. in Dairy Indus. and in Expt. Sta.*
†J. L. Henderson, Ph. D., *Asst. Dairy Technol.*
*†E. L. Jack, Ph. D., *Asst. Prof. Dairy Indus.; Asst. Dairy Technol.*
*†C. S. Mudge, Ph. D., *Prof. Dairy Indus.; Dairy Bact.*
*†C. A. Phillips, M. S., *Assoc. in Dairy Indus. and in Expt. Sta.*
*†G. A. Richardson, Ph. D., *Assoc. Prof. Dairy Indus.; Assoc. Dairy Chem.*
*E. L. Scaramella, B. S., *Assoc. in Dairy Indus.*
*†F. R. Smith, Ph. D., *Asst. Prof. Dairy Indus.; Asst. Dairy Bact.*
*†N. P. Tarassuk, Ph. D., *Instr. Dairy Indus.; Asst. Dairy Chem.*
*†Rita E. Whelton, A. B., *Assoc. in Dairy Indus. and in Expt. Sta.*

Economics (Agr.):

*†Alexander Joss, Ph. D., *Instr. and Junior Agr. Econ.*

Editorial:

*†Mrs. Celeste T. Wright, Ph. D., *Asst. Editor.*

Education (Agr.):

*F. L. Griffin, M. S., *Assoc. Prof. Agr. Ed. and Supvr., Two-Year Curricula.*
*B. H. Peterson, Ph. D., *Lect.. in Ed.*
*S. S. Sutherland, M. S., *Lect. in Ed. and Supvr. Teacher-Training in Agr.*

Engineering (Agr.):

*†H. B. Walker, C. E., *Head of Div.*
†A. A. Armer, M. S., *Assoc. in Expt. Sta. (Agr. Engin.: Coop. U. S. D. A.).*

[1] On leave.
[2] Including the W. K. Kellogg Institute of Animal Husbandry.

Davis—Continued

Engineering (Agr.)—Continued.

*†Roy Bainer, M. S., *Assoc. Prof. and Assoc. Agr. Engin.*
†C. E. Barbee, *Assoc. in Expt. Sta. (Agr. Engin.).*
*H. L. Belton, *Assoc. in Agr. Engin.*
†L. M. K. Boelter, M. S., *Agr. Engin. (P. O., Berkeley).*
*†F. A. Brooks, M. E., Sc. D., *Prof. Agr. Engin.; Agr. Engin.*
*†O. C. French, M. S., *Lect. and Asst. Agr. Engin.*
†Rene Guillou, M. S., *Assoc. in Expt. Sta. (Agr. Engin.).*
*H. D. Lewis, B. S., *Assoc. in Agr. Engin.*
*†Coby Lorenzen, M. S., *Assoc. in Agr. Engin. and in Expt. Sta.*
*†B. D. Moses, B. S., *Assoc. Prof. and Agr. Engin.*
*†L. W. Neubauer, M. S., *Asst. Prof. and Asst. Agr. Engin.*
*†R. L. Perry, B. S., M. E., *Assoc. Prof. and Assoc. Agr. Engin.*
†J. B. Powers, B. S., *Assoc. in Expt. Sta. (Agr. Engin.).*
*†J. R. Tavernetti, M. S., *Assoc. in Agr. Engin.*
*†J. S. Winters, *Assoc. in Agr. Engin.*

Entomology and Parasitology:

*†S. F. Bailey, Ph. D., *Asst. Prof. and Asst. Ent.*
*†J. E. Eckert, Ph. D., *Assoc. Prof. and Assoc. Ent.*
*†R. L. Usinger, Ph. D., *Instr. and Junior Ent.*
†G. H. Vansell, M. S., *Assoc. in Expt. Sta. (Ent.: Coop. U. S. D. A.).*

Extension Service (Agr.):

‡J. P. Fairbank, B. S., *Agr. Engin. Spec.*
‡E. F. Serr, Jr., B. S., *Deciduous Fruits Spec.*

Geology:

*†C. M. Gilbert, Ph. D., *Instr. Geol.*

Home Economics:

*Winifred Cochran, M. A., *Assoc. in Home Econ.*
*†Mrs. Bessie B. Cook, Ph. D., *Asst. Prof. Home Econ.; Asst. Biochem.*
*Mrs. Louise S. Crowder, M. A., *Asst. Prof. Home Econ.*
*Mrs. Margaret M. Kleiber, Ph. D., *Assoc. in Home Econ.*
*Florence H. Tennant, A. B., *Assoc. in Home Econ.*

Irrigation:

*†F. J. Veihmeyer, C. E., Ph. D., *Head of Div.*
†A. B. C. Anderson, Ph. D., *Junior Irrig. Physicist.*
†L. D. Doneen, Ph. D., *Asst. Irrig. Agron.*
*†N. E. Edlefsen,[1] Ph. D., *Assoc. Prof. Irrig.; Assoc. Irrig. Engin.*
*†C. V. Givan, Engr., *Asst. Prof. Irrig.; Asst. Irrig. Engin.*
*†C. N. Johnston, B. S., M. E., *Asst. Prof. Irrig.; Asst. Irrig. Engin.*
†Roy Wray, *Assoc. in Expt. Sta. (Irrig.).*

Landscape Gardening and Floriculture:

*J. L. Stahl, A. B., *Assoc. in Landsc. Gard.*

Mathematics and Physics:

*†E. B. Roessler, Ph. D., *Head of Div.*
*†G. A. Baker, Ph. D., *Instr. Math.; Junior Stat.*
*†W. P. Berggren, Ph. D., *Asst. Prof. Phys.; Asst. Physicist.*

Davis—Continued

Plant Pathology:

*†W. B. Hewitt, Ph. D., *Asst. Prof. and Asst. Plant Path.*
*†B. R. Houston,[1] Ph. D., *Instr. and Junior Plant Path.*
*†J. B. Kendrick, Ph. D., *Assoc. Prof. and Assoc. Plant Path.*
*†L. D. Leach, Ph. D., *Assoc. Prof. and Assoc. Plant Path.*
*†E. E. Wilson, Ph. D., *Asst. Prof. and Assoc. Plant Path.*

Pomology:

*†W. P. Tufts, Ph. D., *Head of Div.*
*†F. W. Allen, M. S., *Assoc. Prof. and Assoc. Pomol.*
*†R. M. Brooks, Ph. D., *Asst. Prof. and Asst. Pomol.*
*†L. L. Claypool,[1] Ph. D., *Asst. Prof. and Asst. Pomol.*
*†A. E. Davey,[1] Ph. D., *Instr. and Junior Pomol.*
*†L. D. Davis, Ph. D., *Assoc. Prof. and Assoc. Pomol.*
†L. H. Day, M. S., *Assoc. Pomol.*
*†C. J. Hansen, M. S., *Assoc. in and Asst. Pomol.*
†H. T. Hartmann, M. A., *Assoc. in Expt. Sta. (Pomol.).*
†A. H. Hendrickson, Ph. D., *Pomol.*
†J. R. King,[1] Ph. D., *Junior Pomol.*
†Omund Lilleland, Ph. D., *Assoc. Pomol.*
*†G. L. Philp, M. S., *Assoc. in and Assoc. Pomol.*
*†E. L. Proebsting, Ph. D., *Assoc. Prof. and Assoc. Pomol.*

Poultry Husbandry:

*†V. S. Asmundson, Ph. D., *Assoc. Prof. and Assoc. Poultry Husb.*
*†F. W. Lorenz, Ph. D., *Instr. and Junior Poultry Husb.*

Soils:

*†L. E. Davis, Ph. D., *Instr. and Junior Soil Technol.*
*†Alfred Smith, Ph. D., *Assoc. Prof. and Assoc. Soil Technol.*

Truck Crops:

*†J. E. Knott, Ph. D., D. Sc., *Head of Div.*
*†G. N. Davis, Ph. D., *Asst. Prof. Truck Crops; Asst. Oler.*
*†G. C. Hanna, B. S., *Lect. in Truck Crops; Assoc. in Expt. Sta.*
*†O. A. Lorenz, Ph. D., *Instr. Truck Crops; Junior Oler.*
*†J. H. MacGillivray, Ph. D., *Asst. Prof. Truck Crops; Assoc. Oler.*
*†L. K. Mann, Ph. D., *Instr. Truck Crops; Junior Oler.*
*†L. L. Morris, Ph. D., *Instr. Truck Crops; Junior Oler.*
*†C. M. Rick, Jr., Ph. D., *Instr. Truck Crops; Junior Geneticist.*
*†P. G. Smith, Ph. D., *Instr. Truck Corps; Junior Oler.*
†C. D. Wilder, B. S., *Assoc. in Expt. Sta. (Truck Crops).*

Veterinary Science:

*†W. B. Bell,[1] D. V. M., *Assoc. in Vet. Sci. and in Expt. Sta.*
†J. W. Britton, D. V. M., *Junior Vet.*
*†H. S. Cameron, D. V. M., Ph. D., *Assoc. Prof. Vet. Sci.; Assoc. Vet.*
*†W. R. Hinshaw, D. V. M., Ph. D., *Assoc. Prof. Vet. Sci.; Vet.*
†Ethel C. McNeil, Ph. D., *Junior An. Path. (Vet. Sci.).*

[1] On leave.

Davis—Continued

Viticulture:

*†A. J. Winkler, Ph. D., *Head of Div.*
*†M. A. Amerine, Ph. D., *Asst. Prof. and Asst. Enologist.*
†J. G. B. Castor,[1] Ph. D., *Junior Enologist.*
†J. F. Guymon, Ph. D., *Junior Enologist.*
*†H. E. Jacob, M. S., *Assoc. in Vit. and in Expt. Sta.*
*†H. P. Olmo, Ph. D., *Asst. Prof. and Asst. Vit.*
†W. O. Williams, Ph. D., *Junior Vit.*

Zoology:

*†T. I. Storer, Ph. D., *Head of Div.*
*†Barbara D. Blanchard, Ph. D., *Instr. and Junior Zool.*
*†J. T. Emlen, Jr., Ph. D., *Asst. Prof. and Asst. Zool.*
†F. C. Evans, Ph. D., *Junior Zool.*
*†L. E. Rosenberg,[1] Ph. D., *Asst. Prof. and Asst. Zool.*

Riverside

Beneficial Insects:

*†H. S. Smith, M. A., *Head of Div.*
†A. J. Basinger, M. S., *Assoc. in Expt. Sta. (Ent.).*
†C. D. A. Cockerell, D. Sc., *Res. Assoc. in Ent.*
†Harold Compere, *Assoc. in Expt. Sta. (Ent.).*
†S. E. Flanders, Ph. D., *Assoc. Ent.*
†P. H. Timberlake, A. M., *Assoc. Ent.*

Chemistry (Agr.):

*†H. D. Chapman, Ph. D., *Head of Div.*
†S. M. Brown, *Asst. Chem.*
†B. M. Laurance, E. Met., *Assoc. in Expt. Sta. (Agr. Chem.).*
†G. F. Leibig, A. B., *Assoc. in Expt. Sta. (Agr. Chem.).*
†V. P. Sokoloff, Ph. D., *Junior Chem.*
†A. P. Vanselow, Ph. D., *Asst. Chem.*

Entomology:

*†H. J. Quayle, M. S., *Head of Div., Riverside and Los Angeles.*
*†A. M. Boyce, Ph. D., *Assoc. Prof. and Assoc. Ent.*
†R. C. Dickson, M. S., *Assoc. in Expt. Sta. (Ent.).*
†Walter Ebeling, Ph. D., *Asst. Ent.*
†R. B. Korsmeier, B. S., *Assoc. in Expt. Sta. (Ent.).*
†D. L. Lindgren, Ph. D., *Asst. Ent.*
†C. O. Persing, Ph. D., *Junior Ent.*

Extension Service (Agr.):

‡J. C. Johnston, B. S., *Citrus Spec.*

Orchard Management:

*†I. J. Condit, Ph. D., *Head of Div.*
†O. L. Braucher, *Asst. in Orchard Mgt.*
†Maurice Donnelly, Ph. D., *Assoc. in Expt. Sta. (Orchard Mgt.: Coop. U. S. D. A.).*
†E. R. Parker, Ph. D., *Assoc. Hort.*
†M. B. Rounds, Ph. G., *Assoc. in Expt. Sta. (Ent.).*

Riverside—Continued

Plant Breeding:

*†H. B. Frost, Ph. D., *Head of Div.*
†J. W. Lesley, Ph. D., *Assoc. Plant Breeder.*

Plant Pathology:

*†H. S. Fawcett, Ph. D., *Head of Div., Riverside and Los Angeles.*
†D. E. Bliss, Ph. D., *Assoc. Plant Path.*
†L. C. Cochran, Ph. D., *Assoc. in Expt. Sta. (Plant Path.: Coop. U. S. D. A.).*
*†W. T. Horne, B. S., *Prof. Plant Path.; Plant Path.*
*†L. J. Klotz, Ph. D., *Assoc. Prof. and Assoc. Plant Path.*
†J. T. Middleton, Ph. D., *Junior Plant Path.*
†J. M. Wallace, Ph. D., *Assoc. Plant Path.*

Plant Physiology:

*†E. T. Bartholomew, Ph. D., *Head of Div.*
†A. R. C. Haas, Ph. D., *Assoc. Plant Physiol.*
*†W. B. Sinclair, Ph. D., *Asst. Prof. and Asst. Plant Physiol.*
†F. M. Turrell, Ph. D., *Asst. Plant Physiol.*

Los Angeles

Economics (Agr.):

*†R. J. Smith, Ph. D., *Asst. Prof. and Asst. Agr. Econ.*

Entomology:

*†H. J. Quayle, M.S., *Head of Div., Riverside.*
*†R. M. Bohart, Ph. D., *Instr. and Junior Ent.*
*†R. H. Smith, Ph. D., *Prof. Ent.; Ent.*

Horticulture:

*†R. W. Hodgson, M. S., *Head of Div.*
*†J. B. Biale, Ph. D., *Asst. Prof. Subtropical Hort.; Asst. Plant Physiol.*
*†S. H. Cameron, Ph. D., *Assoc. Prof. Subtropical Hort.; Assoc. Plant Physiol.*
*†O. F. Curtis, Jr., Ph. D., *Instr. Flor.; Junior Plant Physiol.*
*†E. R. Eggers, B. S., *Assoc. in Hort.*
*†F. F. Halma, Ph. D., *Assoc. Prof. and Assoc. Subtropical Hort.*
*†W. E. Lammerts, Ph. D., *Asst. Prof. Ornamental Hort.; Asst. Geneticist.*
*†G. A. L. Mehlquist, Ph. D., *Instr. Flor.; Junior Geneticist.*

Irrigation:

*†M. R. Huberty, B. S., Engr., *Head of Div.*
*†David Appleman, Ph. D., *Asst. Prof. Plant Nutr.; Asst. Plant Physiol.*
*†A. F. Pillsbury, Engr., *Asst. Prof. Irrig.; Asst. Irrig. Engin.*

Plant Pathology:

*†H. S. Fawcett, Ph. D., *Head of Div., Riverside.*
*†K. F. Baker, Ph. D., *Assoc. Prof. and Assoc. Plant Path.*
*†P. A. Miller, M. S., *Asst. Prof. and Asst. Plant Path.*

[1] On leave.

COLORADO

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.
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[2] On leave.

Soils—Continued.

†H. A. Lunt, Ph. D., *Assoc. in For. Soils.*
†E. J. Rubins, M. S., *Res. Asst. in Soils.*

Miscellaneous:

†C. I. Bliss, Ph. D., *Biometrician.*
†Louise M. Brautlecht, *Libr.*
†W. H. Dietrich, *Asst. Treas.*
†Alice L. Dustan, M. S., *Editor.*
†Ruth Hendrickson, B. A., *Asst. Libr.*

Substations:

Tobacco and Vegetable Substa., *P. O., Windsor*—
P. J. Anderson, Ph. D., *Path. in charge.*
S. B. LeCompte, Jr., Ph. D., *Asst. Plant Physiol.*
T. R. Swanback, M. S., *Asst. (Agron.).*
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*†‡G. L. Schuster, M. S., *Dean School of Agr., Dir. of Sta., Dir. of Ext. Service.*
*†C. E. Grubb, C. E., *Business Administrator.*

Agronomy:

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†‡C. E. Phillips, M. S., *Assoc. Agron.*
*†J. M. Watkins, Ph. D., *Asst. Prof. and Asst. Agron.*

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Editorial:

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‡Mrs. Helen V. McKinley, B. S., *Asst. Dir. and State Home Dem. Leader.*

Extension (Admin.)—Continued.

‡C. E. McCauley, B. S., *Boys' Club Agt. at Large and State Club Leader.*
‡A. D. Cobb, B. S., *Land Use Spec.*

Home Economics:

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*Florence G. Holmes, M. A., *Instr. Home Econ.*[2]
*Elizabeth G. Kelly, M. A., *Asst. Prof. Home Econ.*[2]
‡Pearl MacDonald, A. M., *Nutr. Spec.*
*Geneva Pryor, R. N., *Lect. in Home Econ.*[2]
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[1] For subject matter workers see the respective division; i. e., agronomy, animal industry, etc.
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*J. W. Miller, Jr. B. S., *Asst. Prof. For.*
‡L. T. Nieland, *Ext. Farm For.*
*G. F. Weber, Ph. D., *Prof. For. Path.*
*R. H. Westveld, B. S., M. F., *Prof. Silviculture.*
*E. A. Ziegler, Sc. D., *Prof. For Econ. and Finance.*

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‡Isabelle S. Thursby, *Ext. Econ. in Food Conserv. (P. O., Tallahassee).*
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Horticulture:

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*C. E. Abbott, M. S., *Prof. Hort.*
†J. R. Beckenbach, Ph. D., *Truck Hort. (P. O., Bradenton).*
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†F. S. Lagassé, Ph. D., *Hort. (Coop. U. S. D. A.).*
†E. N. McCubbin, Ph. D., *Assoc. Truck Hort. (P. O., Hastings).*
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†C. E. Bell, Ph. D., *Assoc. Chem.*
†R. E. Caldwell, M. S., *Asst. Soil Surveyor.*
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†J. R. Henderson, M. S., *Soil Technol.*
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Soils—Continued.

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Veterinary Science—See **Animal Husbandry.**

Miscellaneous:

†Mrs. Ida K. Cresap, *Libr.*
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†Henry Zeigler, *Farm Supt.*

Branch Stations:

Citrus Expt. Sta., *P. O., Lake Alfred*—
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B. R. Fudge, Ph. D., *Assoc. Chem.*
V. C. Jamison, Ph. D., *Soils Chem.*
J. H. Jefferies, *Asst. in Citrus Brdg.*
W. W. Lawless,[1] B. S., *Asst. Hort.*
C. R. Stearns, Jr., B. S., *Chem.*
H. O. Sterling, B. S., *Asst. Hort.*
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West Central Fla. Expt. Sta., *P. O., Brooksville*—
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GEORGIA

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[1] On military leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
[3] Courses given in College of Letters and Science.

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[1] On military leave.
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Northern Ind. Muck Crops Expt. Farm, *P. O., North Liberty*—Lester McCrosky, *Supt.*
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‡O. B. Glover, B. S., *Dist. Supvr.*
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Zoology—Continued.

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‡T. P. Cooper, B. S., in A., D. Sc., *Dir.*
‡T. R. Bryant, M. S., *Asst. Dir.*
‡C. A. Mahan, M. S., *State Agt.*
‡Myrtle M. Weldon, A. M., *State Home Dem. Agt.*
‡I. C. Graddy, M. S., *Asst. State Agt.*
‡E. J. Kilpatrick, M. S., *Asst. State Agt.*
‡R. H. Lickert, B. S., *Asst. State Agt.*
‡H. F. Link, M. S., *Asst. State Agt.*
‡Lulie E. Logan, A. B., *Asst. State Home Dem. Agt.*
‡Zelma Monroe, B. S., *Asst. State Home Dem. Agt.*
‡Mrs. Helen M. White, B. S., *Asst. State Home Dem. Agt.*
‡W. C. Wilson, B. S., *Asst. State Agt.*
‡J. W. Whitehouse, M. S., *State Club Agt.*
‡H. C. Brown, B. S., *Field Agt. in Club Work.*
‡Mrs. Anita B. Davis, M. A., *Field Agt. in Club Work.*
‡J. M. Feltner, *Field Agt. in Club Work (P. O., London).*
‡E. E. Fish, M. S., *Field Agt. in Club Work.*
‡M. S. Garside, B. S., *Field Agt. in Club Work.*

[1] On military leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Extension (Admin.)—Continued.

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‡C. W. Jones, B. S., *Field Agt. in Club Work.*
‡Garnett J. McKenney, B. S., *Field Agt. in Club Work.*
‡Dorothy E. Threlkeld, B. S., *Field Agt. in Club Work.*
‡L. C. Brewer, B. S., *Asst. in Short Courses and Exhibits.*
‡A. C. Burnette, B. S., *Asst. in Negro Work.*

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*Edith G. Grundmeier, M. S., *Asst. Prof. Home Econ.*
‡Mrs. Pearl J. Haak, B. S., *Field Agt. in Home Econ. (Foods).*
‡Ida C. Hagman, M. A., *Field Agt. in Home Econ.*
*S. Elizabeth Helton, M. S., *Instr. Home Econ.*
‡Florence Imlay, M. A., *Field Agt. in Home Econ. (Foods).*
‡Edith Lacy, M. A., *Field Agt. in Home Econ. (Clothing).*
*Verna Latzke, M. S., *Asst. Prof. Home Econ.*
*Mary Mumford, M. S., *Asst. Prof. Home Econ.*
*Frances Seeds, M. S., *Asst. Prof. Home Econ.*

Horticulture:

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†W. D. Armstrong, B. S., *Hort. (P. O., Princeton).*
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‡J. S. Gardner, M. A., *Field Agt. in Hort.*
‡W. W. Magill, B. S., *Field Agt. in Hort.*

Horticulture—Continued.

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†Lelah V. Gault, B. S., *Asst. Chem., Feed and Fert.*
†N. J. Howard, B. S., *Insp., Actg. in charge Creamery License Sect.*
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Veterinary Science—See **Animal Industry.**

Miscellaneous:

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Botany, Bacteriology, and Plant Pathology—Continued.

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[1] On military leave.
[2] On leave.

Economics (Agr.)—Continued.

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Entomology—See **Zoology.**

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‡T. J. Jordan, B. S., *State Agt. in Negro Work (P. O., Scotlandville).*
‡W. M. Babin, M. S., *SE. Dist. Agt.*
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‡Estelle Fournet, M. S., *Food Preservation Spec.*
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[1] On leave.
[2] On military leave.
[3] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

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N. E. Jodon, M. S., *Ast. Agron. (Coop. U. S. D. A.).*

Southern University and Agricultural and Mechanical College of the State of Louisiana, *Scotlandville*

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*F. G. Clark, Ph. D., *President.*
*J. W. Fisher, M. S., *Dir. of Agr.*
*Mrs. G. I. Holland, M. A., *Dir. of Home Econ.*

*E. S. Brantley, B. S., *Prof. Dairying.*
*M. J. Clark, M. S., *Agr. Ed.*
*C. A. Elliot, B. S., *Hort.*
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*B. T. Holmes, M. S., *Bact., Vet. Sci.*
*D. B. Matthews, M. A., *Itinerant Teacher Trainer.*
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*Mrs. Rebecca F. Netterville, M. S., *Dist. Supvr. Home Econ.*
*Mrs. G. I. Potts, M. A., *Home Econ.*
*W. E. Reed, M. S., *Soils and Agron.*
*Mrs. Kanata E. Rodgers, M. S., *Foods and Nutr.*
*Mrs. Camille S. Shade, A. B., B. S. in L. S., *Libr.*
*A. S. Totten, M. S., *Poultry Husb.*
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*E. C. Wright, B. S., *Prof. Agr. Engin.*

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*College faculty. †Station staff. ‡Extension staff.

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*‡A. L. Deering, B. S., Sc. D., *Dean Coll. of Agr., Dir. of Agr. Ext. Service.*
†Fred Griffee, Ph. D., *Dir. of Sta.*
*†F. S. Youngs, *Treasurer.*

Agronomy and Engineering (Agr.):

*†J. A. Chucka, Ph. D., *Prof. Agron. and Head of Dept.*
*G. W. Crowther, M. S., *Asst. Prof. Agr. Engin.*
†J. W. Cyr, B. S., *Asst. in Agron.*

Agronomy and Engineering (Agr.)—Continued.

†D. S. Fink, Ph. D., *Assoc. Agron.*
‡A. K. Gardner, B. S., *Crops Spec.*
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[1] On leave.
[2] On military leave.

Agronomy and Engineering (Agr.)—Continued.

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*W. C. Libby, M. S., *Assoc. Prof. Agron.*
†D. B. Lovejoy, M. S., *Asst. Soil Surveyor.*
*S. M. Raleigh, Ph. D., *Asst. Prof. Agron.*
*H. C. Swift, M. S., *Asst. Prof. Agron. and Agr. Engin.*
‡O. L. Wyman, B. S., *Asst. Crops Spec.*

Animal Industry:

*G. M. Cairns, Ph. D., *Prof. and Head of Dept.*
‡R. A. Corbett, B. S., *Asst. Dairy Spec.*
*L. M. Dorsey, M. S., *Prof. Dairy Husb.*
*H. W. Hall, M. S., *Asst. Prof. An. Indus.*
‡R. F. Talbot, B. S., *Dairy Spec.*
*J. F. Witter, B. S., D. V. M., *Assoc. Prof. An. Path.*

Bacteriology and Biochemistry:

*E. R. Hitchner, Ph. D., *Prof. Bact. and Head of Dept.*
*C. R. Brewer, Ph. D., *Asst. Prof. Bact.*
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†M. G. Moore, M. S., *Assoc. Bact.*
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†A. F. Ross, Ph. D., *Assoc. Biochem.*
†C. B. Sibley,[1] B. S., *Asst. in Bact.*
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Biology:

†W. F. Dove, Ph. D., *Head of Dept. (An. Brdg. and Nutr.)*
†R. M. Bailey, B. S., *Assoc. Geneticist.*
†Mrs. Iva M. Burgess, M. S., *Asst. Geneticist.*
†F. B. Chandler, Ph. D., *Assoc. Plant Physiol. (in charge Blueberry Invest.)*
†Marie L. Maguire, A. B., *Asst. in Biol.*
†I. C. Mason, M. S., *Asst. in Plant Physiol. (Blueberry Invest.).*
†Elizabeth F. Murphy, M. A., *Asst. Biol.*

Botany and Entomology: [2]

*F. H. Steinmetz, Ph. D., *Prof. and Head of Dept.*
*C. O. Dirks, Ph. D., *Assoc. Prof. Ent.*
*Fay Hyland, M. S., *Asst. Prof. Bot.*
*E. C. Oeden, Ph. D., *Instr. Bot.*
*†G. P. Steinbauer, Ph. D., *Assoc. Prof. Bot.; Seed Anal.*

Chemistry (Agr.):

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†E. O. Merrill,[1] B. S., *Asst. in Chem.*
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†B. E. Plummer, Jr., M. S., *Assoc. Chem.*
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Extension (Admin.): [3]

‡A. L. Deering, B. S., Sc. D., *Dir.*
‡G. E. Lord, B. S., *Asst. Dir.*
†R. C. Dolloff, B. S., *County Agt. Leader.*
‡Estelle Nason, B. S., *State Home Dem. Agt. Leader.*
‡K. C. Lovejoy, B. S., *State Club Leader.*
‡Pauline Budge, B. S., *Asst. State Club Leader.*
‡S. R. Miller, B. S., *Exec. Secy.*

Forestry:

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*R. I. Ashman, A. B., M. F., *Assoc. Prof. For.*
*Gregory Baker, B. S., M. F., *Asst. Prof. For.*
*C. P. Brown, B. S., *Instr. Game Mgt. (Coop. U. S. D. I.).*
*C. W. L. Chapman, M. S., *Asst. Prof. For.*
*J. D. Curtis, B. A., M. F., *Asst. Prof. For.*
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Home Economics:

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‡Edna M. Cobb, B. S., *Home Mgt. Spec.*
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†Merna M. Monroe, M. S., *Asst. Home Econ.*
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*Margaret K. Nesbitt, Ph. D., *Assoc. Prof. Home Econ.*
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‡A. K. Gardner, B. S., *Orchard Spec.*
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‡O. L. Wyman, B. S., *Asst. Crops Spec.*

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[1] On military leave.
[2] See also Entomology.
[3] For subject-matter workers see the respective division; i. e., agronomy and engineering (agr.), animal industry, etc.

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Poultry Husbandry—Continued.

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Short Courses:

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Experiment Station Farms:

Aroostook Farm, *P. O. Presque Isle*—S. O. Hanson, *Supt.*
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‡J. W. Magruder, B. S., *Ext. Assoc. Prof. Agron.*
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†R. G. Rothgeb, Ph. D., *Assoc. Prof. Plant Brdg.*
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Animal Husbandry:

*†‡F. H. Leinbach, Ph. D., *Prof. and Head of Dept.*
*†‡DeVoe Meade, Ph. D., *Prof. An. Husb.; An. Husb.*
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Animal Pathology and Veterinary Science:

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†Clyde Bean, D. V. M., *Agt. (Coop. U. S. D. A.).*
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Bacteriology:

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*†Ronald Bamford, Ph. D., *Prof. Bot.; Cytologist.*
*†R. G. Brown, Ph. D., *Asst. Prof. and Asst. Bot.*
*†‡C. E. Cox, M. S., *Instr. and Asst. Plant Path.*
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*†‡W. F. Jeffers, Ph. D., *Asst. Prof. Plant Path.*
*†‡R. A. Jehle, Ph. D., *Prof. Plant Path.; Plant Path. (State Plant Path.).*
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†‡E. A. Walker, Ph. D., *Asst. Prof. Plant Path.*
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Chemistry:

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*E. C. Donaldson, M. S., *Chief Insp.*
*W. J. Footen, *Insp.*
*A. B. Heagy, B. S., *Asst. Chem.*
*T. H. Lewis, IV, B. S., *Chem.*
*Max Rubin, *Lab. Asst.*
*J. E. Schuler, Jr., B. S., *Asst. Chem.*
*W. C. Supplee, Ph. D., *Biochem.*
*H. R. Walls, *Asst. Chem. and Microscopist.*
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Dairy Husbandry:

*†K. L. Turk, Ph. D., *Prof. and Head of Dept.*
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‡H. C. Barker, B. S., *Ext. Prof. Dairy Husb.*
*†M. H. Berry, M. S., *Assoc. Prof. and Assoc. Dairy Husb.*
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[1] On military leave.

Dairy Husbandry—Continued.

*G. B. Hughes, B. S., *Asst. Prof. Dairy Mfg.*
*†L. A. Moore, Ph. D., *Assoc. Prof. and Assoc. Dairy Husb.*

Economics (Agr.) and Farm Management:

*††S. H. DeVault, Ph. D., *Prof. and Head of Dept.*
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‡W. C. Beaven, Ph. B., *Ext. Assoc. Prof. Mktg.*
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‡C. P. Poppell,[1] *Ext. Asst. Prof. Mktg.*
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Editorial:

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‡Venia M. Kellar, B. S., *Asst. Dir.*
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‡E. G. Jenkins, *State Boys' Club Leader.*
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‡M. S. Downey, B. S., *Asst. in Boys' Club Work.*

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*Mrs. Curry N. Caples, M. A., *Instr. Home Econ.*
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*Florence Edwards, *Instr. Costume Design.*
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‡Florence H. Mason, B. S., *Ext. Assoc. Prof. Home Furnishing.*
*Mrs. Frieda W. McFarland, M. A., *Prof. Textiles and Clothing.*
*Edna B. McNaughton, M. A., *Prof. Home Econ. Ed.*
‡Margaret McPheeters, M. S., *Ext. Assoc. Prof. Nutr.*
*T. Faye Mitchell, M. A., *Instr. Textiles and Clothing.*
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*††E. P. Walls, Ph. D., *Prof. and Assoc. in Canning Crops.*

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[1] On military leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Poultry Husbandry:

*†‡M. A. Jull, Ph. D., *Prof. and Chair. of Group.*
*†‡H. R. Bird, Ph. D., *Assoc. Prof. Poultry Nutr.*
*†‡J. M. Gwin,[1] M. S., *Assoc. Prof. Poultry Mktg.*
†Mary Juhn, Ph. D., *Assoc. Prof. Poultry Physiol.*
*†R. E. Phillips, Ph. D., *Assoc. Prof. Poultry Physiol.*
*†G. D. Quigley, B. S., *Assoc. Prof. Poultry Husb.*

Poultry Husbandry—Continued.

‡W. H. Rice, B. S., *Ext. Assoc. Prof. Poultry Husb.*
†‡C. S. Williams, M. S., *Instr. Poultry Husb.*

Seed Inspection:

†F. S. Holmes, M. S., *Seed Insp.*
†Ellen P. Emack, *Seed Analyst.*
†Olive M. Kelk, *Seed Analyst.*
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Miscellaneous:

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Princess Anne College, Eastern Branch of the University of Maryland, *Princess Anne*

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*R. A. Grigsby, A. B., *Actg. Dean of Admin.*

*R. S. Byrd, M. S., *Asst. Prof. Farm Mgt. and Econ.*
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*R. C. Johnson, Jr., B. S., M. Ed., *Prof. Mech. Arts and Mech. Arts Ed.*
*J. A. Oliver, M. S., *Prof. Agr. and Agr. Ed.*
*Mrs. Elizabeth R. Parker, M. S., *Asst. Prof. Home Econ.*
*Helen W. Robinson, A. B., *Asst. Prof. Home Econ.*
*W. B. Robinson, M. S., *Prof. Agr.*
*R. H. Thomas, B. S., M. Ed., *Asst. Prof. Mech. Arts.*

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‡C. V. Ballard, B. S., *State County Agt. Leader.*
‡M. H. Avery, B. S., *Asst. State Club Leader.*
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‡R. G. Carr, B. S., *Asst. to State County Agt. Leader.*
‡Lois M. Corbett, B. S., *Asst. State Club Leader.*
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‡R. J. Laser, B. S., *Asst. State Club Leader.*
‡P. G. Lundin, B. S., *Asst. State Club Leader.*
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*S. H. Dwight, M. S., *Asst. Prof. Phys.*
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*C. D. Hause, Ph. D., *Asst. Prof. Phys.*
*J. W. McGrath, Ph. D., *Asst. Prof. Phys.*
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Short Courses:

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‡W. A. Peters, B. S., *Dist. County Agt. Leader.*
‡H. A. Pflughoeft, B. S., *Dist. Club Agt.*
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[1] On military leave.
[2] For subject-matter workers see the respective division; i. e., animal husbandry, botany, etc.

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[1] On military leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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*†C. C. Wiggans, Ph. D., *Prof. and Chair. of Dept.*
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‡R. D. Pelkey, B. S., *Asst. Ext. Hort.*
*H. O. Werner, Ph. D., *Prof. Hort.*

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H. A. McComb, B. S., *Asst. Hort.*
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Valentine Substa., *P. O., Valentine*—
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*P. A. Lehenbauer, Ph. D., *Prof. and Actg. Head of Dept.*

[1] On leave.
[2] On military leave.

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*E. W. Lowrance, Ph. D., *Asst. Prof. Biol.*
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‡L. E. Cline, M. S., *Ext. Agr. Econ.*
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†Andrew Young, *Asst. in Range Mgt.*

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College of Agriculture and the Mechanic Arts and the Agricultural Experiment Station of the University of New Hampshire, *Durham*

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*†M. C. Richards, Ph. D., *Asst. Prof. Bot.; Plant Path.*

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
[2] On military leave.

Dairy Husbandry—Continued.

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*Sigrid H. Hangas, B. S., *Instr. Institutional Mgt.*
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*†A. F. Yeager, Ph. D., *Prof. Hort.; Hort. Asst. Dir. Biol. Inst.*
*††H. S. Clapp, M. S., *Instr. Ornamental Hort. and Supervising Landsc. Arch.; Asst. Hort. (Ornamental).*
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*‡R. C. Bradley, Ph. D., *Asst. Prof. and Ext. Poultry Husb.*
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†R. Ford, *Asst. Tech.*
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†R. Rinta, *Asst. Lab. Tech.*
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*†Thelma Brackett, A. B., *Libr.*
*†Lurlene Gordon, B. S., *Libr. Asst.*
*†R. B. Sears,[3] B. S., *Asst. Libr.*

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[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy and engineering (agr.), animal husbandry, etc.
[3] On military leave.

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†Adolph Zimmerli, D. Sc., *Res. Assoc. Agr. Biochem.*

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†C. A. Doehlert, M. S., *Assoc. in Cranberry and Blueberry Res. (P. O., Pemberton).*

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*†C. B. Bender, M. S., *Prof. and Assoc. in Dairy Husb.*
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*Claude Eby, B. S., *Instr. Dairy Husb. (P. O., Sussex).*
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[1] On military leave.
[2] For subject-matter workers see the respective division; i. e., animal husbandry, biochemistry (agr.), etc.

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*‡J. H. Clark, Ph. D., *Prof. and Ext. Pomol.*
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*‡A. J. Farley, B. S., *Prof. and Ext. Hort. (Pomol.).*
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*†Elizabeth S. Clark, Ph. D., *Asst. Prof. and Asst. Plant Path.*
*†R. H. Daines, Ph. D., *Assoc. Prof. and Assoc. Plant Path.*
*B. H. Davis, Ph. D., *Assoc. Prof. Plant Path.*
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‡L. M. Black, B. S., *Ext. Prof. Poultry Husb.*
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*C. B. Hudson, M. S., *Instr. Poultry Husb.*
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‡G. N. Geiszler, M. S., *Ext. Soil Conserv.*
*†W. M. Johnson, M. S., *Asst. Prof. Soils; Soil Sci.*
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Agronomy—Continued.

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ANIMAL INDUSTRY:

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[2] Under the State department of agriculture and the agricultural experiment station.

ANIMAL INDUSTRY—Continued.

Animal Husbandry:

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*†M. H. McDonald, B. S., *Asst. Prof. and Asst. An. Husb.*
‡H. B. McLachlin, B. S., *Ext. An. Husb.*
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Poultry Husbandry:

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Veterinary Science:

*†F. M. Bolin, D. V. M., *Assoc. Prof. and Chair. of Dept.*
*†J. O. Foss, D. V. M., *Asst. Prof. and Asst. Vet., Actg. Chair. of Dept.*

Bacteriology:

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†H. H. Flor, Ph. D., *Plant Path.* (*Coop. U. S. D. A.*).
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Cereal Technology:

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†L. D. Sibbitt, *Asst. Cereal Technol.*

Chemistry (Agr.):

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†F. C. McIntire,[1] Ph. D., *Asst. Agr. Chem.*
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†Bruno Vassel, Ph. D., *Assist. Agr. Chem.*

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*†C. F. Bortfeld,[1] M. A., *Asst. Prof. and Asst. Agr. Econ.*
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Economics (Agr.)—Continued.

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Editorial and Publicity:

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‡R. E. Burris, B. S., *Ext. Information Agt.*
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†H. S. Telford, Ph. D., *Asst. Ent.*

Extension (Admin.): [3]

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‡N. D. Gorman, B. S., *County Agt. Leader.*
‡Grace E. DeLong, B. A., *State Home Dem. Leader.*
‡H. E. Rilling, M. S., *State 4-H Club Leader.*
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‡Ruth L. Shepard, B. S., *State 4-H Club Agt.*
‡Pauline M. Reynolds, B. A., *Ext. Agt. for Rural Youth.*
‡B. J. Berntson, B. S., *Dist. Supvr.*
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‡A. M. Challey, B. S., *Dist. Supvr.*
‡L. A. Jensen, B. S., *Dist. Supvr.*

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*Lucille M. Horton, M. S., *Prof. Home Econ. and Chair. Dept. of Home Econ. Ed., Actg. Dean of School.*
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‡Julia E. Brekke, M. A., *Ext. Agt. in Clothing.*
*Shirley A. Briggs, M. A., *Instr. Art.*
*Ann M. Brown, M. A., *Assoc. Prof. Art.*
‡Ruth M. Dawson, M. A., *Ext. Nutr.*
‡Mrs. Florence P. Day, M. S., *Ext. Agt. in Home Mgt.*
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[2] On military leave.
[3] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

Home Economics—Continued.

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*†Ole Grottodden, B. S., *Instr. and Asst. in Hort. and For.*
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Substations:

Dickinson—
Leroy Moomaw, B. S., *Supt.* (*Coop. U. S. D. A.*).
R. W. Smith, M. S., *Assoc. Agron.* (*Coop U. S. D. A.*).
Edgeley—O. A. Thompson, B. S., *Supt.*
Hettinger—N. J. Sanders, *Caretaker.*
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‡C. L. Blackman, M. S., *An. Husb. Spec.*
*J. S. Coffey, B. S., *Prof. An. Husb.*
‡Howard Davison, B. S., *Swine Spec.*
*Oscar Erf, B. S., *Prof. Dairying, in charge Official Testing.*
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Botany—Continued.

*R. A. Popham, Ph. D., *Instr. Bot.*
*H. C. Sampson, Ph. D., *Prof. Bot.*
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*C. A. Swanson, M. S., *Instr. Bot.*
*C. E. Taft, Ph. D., *Asst. Prof. Bot.*
*A. E. Waller, Ph. D., *Assoc. Prof. Bot.*
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*J. H. Erb, M. S., *Asst. Prof. Dairy Technol.*
*R. A. Larson, M. S., *Instr. Dairy Technol.*
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‡F. S. DeLashmutt, B. S., *Spec. in Farm Mgt.*
‡C. W. Hammans, M. S., *Mktg. Spec.*
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*G. F. Henning, Ph. D., *Prof. Rural Econ.*[2]
*A. R. Mangus, Ph. D., *Prof. Rural Sociol.*[2]
*C. G. McBride, Ph. D., *Prof. Rural Econ.*[2]
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*R. W. Sherman, M. S., *Instr. Rural Econ.*[2]

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[1] On military leave.
[2] See also experiment staff.

Economics and Sociology (Rural)—Con.

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Editorial—See **Journalism.**

Education (Agr.):

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*A. C. Kennedy, M. S., *Asst. Prof. Agr. Engin.*
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Entomology—See **Zoology.**

Extension (Admin.): [2]

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‡Eva M. Kinsey, B. S., *Asst. State Club Leader.*
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‡Nellie Watts, M. A., *Asst. State Home Dem. Leader.*
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Home Economics—Continued.

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*Florence E. Petzel, A. M., *Asst. Prof. Home Econ.*[1]
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*Eunice Ryan, M. A., *Asst. Prof. Home Econ.*
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Horticulture and Forestry:

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*O. D. Diller, Ph. D., *Asst. Prof. For.*[1]
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Journalism (Agr.):

‡J. E. McClintock, M. S., *Supvr. Home Reading Courses, Editor.*
‡Ethel M. Cadley, B. S., *Asst. Editor.*
‡G. E. Ferris, B. S., *Asst. Radio Editor.*
*H. R. O'Brien, M. A., *Lect. in Agr. Journalism.*

[1] See also experiment station staff.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Journalism (Agr.)—Continued.

‡A. J. Patch, B. S., *Asst. Editor.*
‡C. E. Wilson, A. B., *Asst. Editor (Visual Instr.).*

Poultry Husbandry:

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‡C. M. Ferguson, B. S., *Poultry Spec.*
‡D. D. Moyer, B. S., *Poultry Spec.*
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Veterinary Medicine—Continued.

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*D. M. DeLong, Ph. D., *Prof. Ent.*
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*C. H. Kennedy, Ph. D., *Prof. Ent.*
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Agronomy—Continued.

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†J. H. Wilson, B. S., *Asst. in Agron. (Chem.).*

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†D. S. Bell, M. S., *Assoc. (Sheep and Wool Invest.).*

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[1] See also experiment station staff.
[2] On leave.

Animal Industry—Continued.

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†H. S. Binau, B. S., *Photog.*

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Northwestern Expt. Farm, *P. O., Holgate*—Serge Harmon, *Supt.* (*Coop. U. S. D. A.*).
Southeastern Expt. Farm, *P. O., Carpenter*—Elza McCall, *Supt.*
Southwestern Expt. Farm, *P. O., Germantown*—H. L. Wachter, *Supt.*

[1] Post office for staff, *Columbus.*

Substations—Continued.

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Clermont County Expt. Farm, *P. O., Batavia*—H. S. Elliot, *Supt.*
Hamilton County Expt. Farm, *P. O., Mt. Healthy*—Cecil Fryman, *Supt.*
Madison County Expt. Farm, *P. O., London*—H. W. Rogers, B. S., *Supt.*
Mahoning County Expt. Farm, *P. O., Canfield*—L. W. Sherman, M. S., *Supt.*

Substations—Continued.

Miami County Expt. Farm, *P. O., Troy*—P. A. Jones, *Supt.*
Muck Crops Expt. Farm, *P. O., McGuffey*—Harry Obenour, *Foreman.*
Paulding County Expt. Farm, *P. O., Paulding*—R. C. Beatty, *Foreman.*
Trumbull County Expt. Farm, *P. O., Cortland*—Walter Livezey, *Supt.*
Washington County Expt. Farm, *P. O., Fleming*—Ray Hopkins, *Supt.*
Washington County Truck Farm, *P. O., Marietta*—O. N. Riley, *Foreman.*

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†L. E. Rose, B. S., *Soil Surveyor.*
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†Orville Stout, B. S., *Soil Surveyor.*
†Stuvie Wallen, *Foreman Perkins Farm.*
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†J. H. McLaughlin, M. S., *Tech. Asst. in Plant Path.*
*†W. W. Ray, Ph. D., *Asst. Prof. Bot.; Asst. Plant Path.*
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*†V. G. Heller, Ph. D., *Prof. and Head of Dept. of Agr. Chem. Res.*
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[1] On leave.

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†Ruth E. Reder, Ph. D., *Assoc. in Agr. Chem. Res.*
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*H. A. Thelen, M. S., *Asst. Prof. Chem.*
*H. M. Trimble, Ph. D., *Prof. Chem.*
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*†P. C. McGilliard, B. S., *Asst. Prof. and Asst. in Dairy Prod.*
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*Virginia Messenger, Ph. D., *Prof. and Head Dept. of Home Life.*
*Millie V. Pearson, M. S., *Prof. and Head Dept. of Home Econ. Ed.*
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‡Floye Flood, M. A., *Child Development and Family Life Spec.*
*Evelyn W. Glascock, M. A., *Instr. Household Arts.*
‡Mrs. Bonnie V. Goodman, M. S., *Ext. Econ., Home Mgt.*
*Brenda Gould, M. A., *Assoc. Prof. Household Arts.*
*Mary L. Greenwood, Ph. D., *Assoc. Prof. Household Sci.*
*Beulah Hamilton, B. S., *Instr. Home Life.*
*Lois B. Hastings, B. S., *Instr. Household Sci.*
*Anna M. Johnson, M. S., *Assoc. Prof. Home Econ. Ed.*
*Marjorie Johnson, M. S., *Instr. Home Life.*
*Ruby J. Johnson, M. S., *Asst. Prof. Household Arts.*
*Kathryn W. Kumler, M. A., *Assoc. Prof. Home Econ. Ed.*

[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Home Economics—Continued.

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*Eva E. Lisk, M. S., *Asst. Prof. Household Sci.*
*Mrs. Gladys B. Marshall, M. S., *Instr. Household Sci.*
‡Venie A. McDuffy, B. S., *Home Mgt. Asst. Econ.*
‡Martha R. McPheters, B. S., *Food and Nutr. Spec.*
*Sara D. Meador, M. S., *Asst. Prof. Household Arts.*
‡Martha Merrifield, B. S., *Clothing Spec.*
*Mary E. Moody, M. S., *Asst. Prof. Home Life.*
*Ruth Musgrove, M. A., *Asst. Prof. Home Life.*
*Christine Newark, M. A., *Asst. Prof. Home Life.*
*Ellen Penn, A. M., *Asst. Prof. Household Sci.*
*Ruth M. Smith, M. A., *Asst. Prof. Household Arts.*
*Mrs. Gladys M. Stone, M. A., *Asst. Prof. Home Econ. Ed.*
*Geraldine Sydney-Smith, M. A., *Instr. Household Arts.*
*Ruth C. Taylor, M. S., *Instr. Home Econ. Ed.*
*Mrs. Girdie B. Ware, M. S., *Instr. Home Life.*
*Clarice M. Watson, M. S., *Instr. Home Econ. Ed.*
*Alma E. White, M. A., *Assoc. Prof. Household Sci.*

Horticulture:

*†F. B. Cross, Ph. D., *Prof. Pomol.; Pomol., Head of Dept.*
*†Michel Afanasiev, Ph. D., *Assoc. Prof. and Assoc. Hort.*
*†J. L. Brown, B. S., B. L. A., *Asst. Prof. and Asst. Hort.*
*†H. B. Cordner, Ph. D., *Prof. and Assoc. Hort.*
*†G. F. Gray, Ph. D., *Asst. Prof. Hort.; Asst. in Small Fruits, Ornamentals, and For.*
*†E. L. Hartman,[1] M. S., *Asst. Prof. and Asst. Hort.*
*H. A. Hinrichs, M. S., *Asst. Prof. Hort.*

Horticulture—Continued.

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‡Fred LeCrone, M. S., *Assoc. Ext. Hort.*
‡F. K. McGinnis, Jr.,[1] M. L. A., *Asst. Ext. Hort.*
‡D. C. Mooring, M. S. *Ext. Hort.*
‡H. P. Rigdon, B. S., *Ext. For.*
*†F. A. Romshe, B. S., *Asst. Prof. and Asst. Hort.*

Journalism (Agr.):

*†C. E. Trout, M. S., *Prof. Journalism; Editor.*
*C. E. Bounds, B. J., *Asst. Prof. Journalism.*
*†G. F. Church, M. A., *Assoc. Prof. Journalism; Assoc. Editor.*
‡H. A. Graham, M. S., *Ext. Editor and Radio Dir.*
‡Margaret Heiser, B. S., *Asst. Ext. Editor.*
‡Henry Osborn, B. S., *Asst. Ext. Editor.*

Poultry Husbandry:

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†D. L. Brooks, B. S., *Asst. in Poultry Husb.*
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‡L. R. Morris, Ph. D., *Asst. Ext. Poultryman.*
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Sociology and Rural Life:

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Miscellaneous:

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†R. S. Besse, M. S., *Asst. Dir. of Sta.*
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*†P. M. Brandt, A. M., *in charge of Div.*

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Poultry Husbandry:

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Veterinary Medicine:

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ANIMAL INDUSTRIES—Continued.

Veterinary Medicine—Continued.

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ECONOMICS:

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*H. D. Scudder, B. S., *Prof. Farm Mgt.*
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PLANT INDUSTRIES:

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Farm Crops:

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[1] On leave.

PLANT INDUSTRIES—Continued.

Farm Crops—Continued.

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†Elmer Hansen, M. S., *Asst. Hort.* (*Pomol.*).

‡O. T. McWhorter, B. S., *Ext. Hort.*

*†A. N. Roberts, M. S., *Instr. and Asst. Hort.*

†C. E. Schuster, M. S., *Hort.* (*Coop. U. S. D. A.*).

†G. F. Waldo, M. S., *Assoc. Pomol.* (*Coop. U. S. D. A.*).

Soils:

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‡A. S. King, M. S., *Soils Spec.*

†M. R. Lewis, B. S., C. E., *Irrig. and Drainage Engin.* (*Coop. U. S. D. A.*).

†A. W. Marsh, M. S., *Asst. Irrig. Engin.* (*Coop. U. S. D. A.*).

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Botany and Plant Pathology:

*†C. E. Owens, Ph. D., *Prof. and Head of Dept.*

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†G. R. Hoerner, M. S., *Agt.* (*Coop. U. S. D. A.*).

†F. P. McWhorter, Ph. D., *Plant Path.* (*Coop. U. S. D. A.*).

†J. A. Milbrath, Ph. D., *Asst. Plant Path.*

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Chemistry:

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Editorial—See **Journalism.**

Education (Agr.):

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Engineering (Agr.):

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†C. I. Branton,[1] B. S., *Asst. Agr. Engin.*

†H. F. Carnes, B. S., *Junior Agr. Engin.* (*Coop. U. S. D. A.*).

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†W. M. Hurst, B. S., *Agr. Engin.* (*Coop. U. S. D. A.*).

†L. M. Klein, B. S., *Mech. Engin.* (*Coop. U. S. D. A.*).

*R. N. Lunde, B. S., *Asst. Prof. Agr. Engin.*

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*†H. R. Sinnard,[1] M. S., *Assoc. Prof. and Assoc. Agr. Engin.* (*Farm Structures*).

†G. R. Stafford, *Engin. Aide* (*Coop. U. S. D. A.*).

*Clyde Walker, M. S., *Assoc. Prof. Agr. Engin.*

Entomology:

*†D. C. Mote, Ph. D., *Prof. and Head of Dept.*

†K. W. Gray, M. S., *Assoc. Ent.*

†S. C. Jones, M. S., *Assoc. Ent.*

†H. E. Morrison, M. S., *Asst. Ent.*

†Joe Schuh, M. S., *Asst. Ent.*

†B. G. Thompson, Ph. D., *Assoc. Ent.*

Extension (Admin.): [2]

‡W. A. Schoenfeld, B. S., M. B. A., *Dir.*

‡W. L. Teutsch, B. S., *Asst. Dir.*

‡C. W. Smith, B. S., *County Agt. Leader.*

‡Mrs. Azalea L. Sager, M. A., *State Home Dem. Leader.*

‡H. C. Seymour, *State 4-H Club Leader.*

‡L. J. Allen, M. S., *Asst. State 4-H Club Leader.*

‡J. R. Beck, B. S., *Land Use Spec.*

‡Helen J. Cowgill, M. A., *Asst. State 4-H Club Leader.*

‡W. C. Reid, Ph. D., *Visual Instr. Spec.*

‡C. L. Smith, M. S., *Asst. County Agt. Leader.*

‡R. H. Sterling,[1] B. S., *Asst. Spec. in Land Use.*

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Home Economics:

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*Alma C. Fritchoff, M. A., *Prof. and Head Dept. of Clothing, Textiles, and Related Arts.*

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*Mrs. Sara W. Prentiss, M. A., *Prof. Child Development and Parent Ed. Head Dept. of Household Admin.*

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[1] On leave.

[2] For subject-matter workers see the respective division; i e., animal industries, etc.

Home Economics—Continued.

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*Ethel E. Allen, B. S., *Asst. Editor.*
††F. L. Ballard, B. S., *Agr. Pubs. Editor.*
*††J. C. Burtner, B. S., *in charge News Service, Ext. Editor.*

Journalism—Continued.

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Hood River Branch Expt. Sta., *P. O., Hood River*—
Leroy Childs, A. B., *Supt. and Ent.*
G. G. Brown, B. S., *Hort.*
J. R. Kienholz, Ph. D., *Asst. Path. (Coop. U. S. D. A.).*
John Jacob Astor Branch Expt. Sta., *P. O., Astoria*—
H. B. Howell, B. S., *Supt.*
Klamath Experimental Area, *P. O., Klamath Falls*—
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Red Hill Soils Expt. Area, *P. O., Oregon City*—
Edwin Keltner, B. S., *Actg. Supt.*
Sherman Branch Expt. Sta., *P. O., Moro*—
M. M. Oveson, M. S., *Supt. (Coop. U. S. D. A.).*
Southern Oreg. Branch Expt. Sta., *P. O., Talent*—
F. C. Reimer, M. S., *Supt.*
L. G. Gentner, M. S., *Asst. Supt. and Assoc. Ent.*
Squaw Butte-Harney Coop. Range and Livestock Sta., *P. O., Burns*—
K. C. Ikeler, M. S., *Supt. (Coop. U. S. D. A.).*
Obil Shattuck, M. S., *Asst. Supt.*
Umatilla Branch Expt. Sta., *P. O., Hermiston*—
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Agronomy—Continued.

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*†E. J. Holben, M. S., *Asst. Prof. Soil Technol.*

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Agronomy—Continued.

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*†H. B. Musser, B. S., *Prof. Expt. Agron.*
*†A. C. Richer, Ph. D., *Asst. Prof. Soil Technol.*
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*†T. B. Keith, Ph. D., *Asst. Prof. An. Husb.*
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Entomology—See **Zoology:**

Extension (Admin.): [1]

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*Jean D. Amberson, M. A., *Prof. Home Econ. Ed.*
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*Marion L. Carr, M. S., *Instr. Home Econ.*
*Alice M. Chubb, R. N., *Instr. Home Nursing.*
*U. Vivian Crow, M. S., *Asst. Prof. Home Econ. Ed.*
*Hatty R. Dahlberg, M. A., *Asst. Prof. Home Econ.*
*M. Jane Dearing, M. S., *Instr. Home Econ.*
*Mrs. Elisabeth W. Dye, M. A., *Assoc. Prof. Home Econ.*
*Amy G. Gardner, M. A., *Assoc. Prof. Home Econ. and Art Ed.*
*Ruth E. Graham, M. S., *Prof. Home Econ.*
*Edith V. Harding, M. A., *Asst. Prof. Home Econ.*
*‡Belle Hubbard, *Instr. Home Econ. Ext.*
*Viola M. Johnson, B. S., *Asst. in Home Econ.*
*‡May D. Kemp, M. A., *Instr. Home Mgt. Ext.*
*Mildred H. Larson, M. S., *Asst. Prof. Home Econ.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Home Economics—Continued.

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Horticulture—Continued.

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Animal Husbandry and Veterinary Science—Continued.

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*Florella Fordham, R. N., *Instr. Hyg.*
*Geraldine J. Hurd, M. S., *Prof. Home Econ. Ed.*
*W. C. Hurley, M. S., *Assoc. Prof. Dairy Husb.*
*Athelma R. Nix, B. S., *Libr.*
‡Marian B. Paul, B. S., *Supvr. Home Dem. Work.*
*Mattie E. Pegues, B. S., *Itinerant Teacher Trainer* (*Home Econ.*).
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*S. M. Pinckney, B. S., *Prof. Field Crops.*
*LaVerte Reed, B. S., *Assoc. Prof. Nutr.*
*L. M. Ward, M. S., *Prof. Agron.*
*P. R. Webber, Jr., B. S., *Assoc. Prof. Econ.*
*Annie B. Williams, B. S., *Assoc. Prof. Clothing.*
*Ophelia C. Williams, M. S., *Assoc. Prof. Home Mgt.*
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‡R. E. Hansen, B. A., *Ext. Soil Conserv.*
*†E. R. Hehn, M. S., *Instr. and Asst. in Agron.*
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*†W. H. Burkitt, M. S., *Instr. and Asst. An. Husb.*

Animal Husbandry—Continued.

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‡G. A. McDonald, B. S., *Ext. An. Husb.*
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Botany, Plant Pathology, and Bacteriology:

*W. L. Miller, Ph. D., *Head of Dept. Prof. Bot. and Plant Path.*
†W. F. Buchholtz, Ph. D., *Plant Path.*
*A. R. Grismer, M. S., *Instr. Bact.*
*H. A. Harris, Ph. D., *Asst. Prof. Bot.*
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†G. F. Gastler, B. S., *Analyst.*
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Editorial—See **Journalism.**

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‡Tyrus Thompson, B. S., *State Club Leader.*
‡Geraldine G. Fenn, B. S., *Asst. in Club Work.*
‡Agnes M. Hansen, B. S., *Asst. State Club Leader.*
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‡Mrs. Anna D. Walker, B. S., *Clothing Spec.*
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*Mary L. Williams, B. S., *Instr. Home Econ.*
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Zoology—See **Entomology.**

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Eureka—E. Stickel, *Foreman.*
Highmore—S. W. Sussex, *Foreman.*
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[1] For subject-matter workers see the respective division; i. e. ,agronomy, animal husbandry, etc.
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‡Florence D. McTeer, *Secy.*
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Forestry—See **Horticulture.**

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[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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*Henry Dorr, Jr., B. S., M. F., *Asst. Prof. For.*
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Editorial—See **Publications.**

Education (Agr.):

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†E. H. Templin, B. S., *Soil Surveyor (Coop. U. S. D. A.: P. O., Waco).*

Veterinary Science:

†H. Schmidt, D. V. M., *Chief of Div.*
*R. P. Marsteller, D. V. M., *Prof. Vet. Med. and Surg., Dean School of Vet. Med.*
*P. W. Burns, B. S., D. V. M., *Head Prof. Vet. Physiol. and Pharmacol.*
*R. C. Dunn, D. V. M., *Head Prof. Vet. Path. and Bact.*
*F. P. Jaggi, Jr., B. S., D. V. M., *Head Prof. Vet. Hyg.*
*A. A. Lenert, B. S., D. V. M., *Head Prof. Vet. Med. and Surg.*
*J. H. Milliff, D. V. M., M. S., *Head Prof. Vet. Anat.*
*H. L. Van Volkenberg, D. V. M., M. S., *Head Prof. Vet. Parasit.*
*W. W. Armistead,[1] D. V. M., *Asst. Prof. Vet. Med. and Surg.*
*W. C. Banks, D. V. M., *Instr. Vet. Path. and Bact.*
*H. T. Barron, D. V. M., *Instr. Vet. Anat.*
*R. B. Caraway, D. V. M., *Instr. Vet. Med. and Surg.*
*K. M. Curts, B. S., D. V. M., *Instr. Vet. Anat.*
*G. T. Edds, D. V. M., M. S., *Assoc. Prof. Vet. Physiol. and Pharmacol.*
*H. J. Kuzewski, D. V. M., *Instr. Vet. Physiol. and Pharmacol.*
†F. P. Mathews, D. V. M., Ph. D., *Vet. in charge Loco Invest. Lab. (Coop. U. S. D. A.: P. O., Alpine).*
*J. W. McCoy, D. V. M., *Instr. Vet. Med. and Surg.*
*T. S. Ozier,[1] D. V. M., *Instr. Vet. Path. and Bact.*
†M. P. Roberts, D. V. M., *Vet.*
*H. L. Rubin,[1] D. V. M., M. S., *Instr. Vet. Anat.*
†R. D. Turk, D. V. M., M. S., *Vet.*
†J. L. West,[1] D. V. M., *Vet.*

Miscellaneous:

†Howard Berry, B. S., *Tech. Asst.*
‡Mrs. Lilla G. Bryan, *Libr.*
†Chester Higgs, *Exec. Asst.*
†M. P. Holleman, *Chief Clerk.*
*T. F. Mayo, Ph. D., *Libr.*
†Reed McDonald, *Asst. Chief Clerk.*
†Mrs. Clarice M. Turner, B. A., *Secy.*

Substations:

Alta Loma (Truck Crop Insect Invest. Lab.)—
M. J. Janes, Ph. D., *Ent. in charge.*
Angleton (No. 3)—
R. H. Stansel, M. S., *Supt.*
O. W. Olsen, Ph. D., *Asst. Parasit (Coop. U. S. D. A.).*
P. L. Piercy, D. V. M., *An. Path.*
H. M. Reed, B. S., *Hort.*
J. J. Reid, D. V. M., *An. Path.*
J. C. Smith, B. S., *Agron.*
C. A. Woodhouse,[1] D. V. M., M. S., *Parasit.*
Balmorhea (No. 9)—
J. J. Bayles, B. S., *Supt.*

[1] On leave.

Substations—Continued.

Beaumont (No. 4)—
R. H. Wyche, B. S., *Supt.*
H. M. Beachell, M. S., *Asst. Agron. (Rice Prod. and Brdg.: Coop. U. S. D. A.).*
Noe Higinbotham, Ph. D., *Plant Physiol. (Rice Invest.).*

Beeville (No. 1)—
R. A. Hall, B. S., *Supt.*
E. M. Neal,[1] B. S., *An. Husb.*

Big Spring (Livestock Feeding Invest. Lab.)—
F. E. Keating, B. S., *Assoc. Agron. in charge (Coop. U. S. D. A.).*
Jot Smyth, Jr.,[1] B. S., *Agt. in An. Husb. (Coop. U. S. D. A.).*

Chillicothe (No. 12)—
J. R. Quinby, M. S., *Supt. (Coop. U. S. D. A.).*
J. C. Stephens, M. A., *Assoc. Agron. (Coop. U. S. D. A.).*

College Station (No. 10)—
R. M. Sherwood, M. S., *An. Husb. in charge.*
L. J. McCall, *Farm Supt.*

Denton (No. 6)—
P. B. Dunkle, M. S., *Supt.*
I. M. Atkins, M. S., *Assoc. Agron. (Wheat and Oat Prod. and Brdg.; Coop. U. S. D. A.).*

Gilmer (Sweet Potato Invest. Lab.)—
R. E. Wright, M. S., *Hort. in charge.*

Iowa Park (No. 16)—
L. E. Brooks, B. S., *Supt.*
B. S. Pickett, Ph. D., *Hort.*

Jacksonville (Tomato Disease Lab.)—
P. A. Young, Ph. D., *Plant Path. in charge.*

Lubbock (No. 8)—
D. L. Jones, *Supt.*
R. G. Evans, B. S., *Agron. in Irrig. Invest.*
W. L. Jones, Jr., B. S., *Irrig.*

Lufkin (Pasture Invest. Lab.)—
E. K. Crouch, B. S., *Agron. in charge.*

Montague (Fruit Invest. Lab.)—
U. A. Randolph, M. S., *Hort. in charge.*

Nacogdoches (No. 11)—
H. F. Morris, M. S., *Supt.*

Substations—Continued.

Sonora (No. 14)—
W. H. Dameron, B. S., *Supt.*
I. B. Boughton, D. V. M., *Vet. (Sheep and Goat Disease Invest.).*
O. L. Carpenter, *Brdg. Supvr.*
V. L. Cory, M. S., *Range Bot.*
W. T. Hardy, D. V. M., *Vet.*

Spur (No. 7)—
R. E. Dickson, B. S., *Joint Supt. (Coop. U. S. D. A.).*
C. E. Fisher, M. S., *Asst. Soil Conserv. (Coop. U. S. D. A.).*
P. T. Marion,[1] M. S., *Agt. in Nutr. Invest. (Coop. U. S. D. A.).*
W. F. Turner, B. S., *Asst. Agron. (Coop. U. S. D. A.).*

Stephenville (No. 20)—
B. C. Langley, M. S., *Supt.*
P. H. Czarowitz, M. S., *Agr. Econ.*
T. E. Denman, B. S., *Hort.*

Temple (No. 5)—
H. O. Hill, B. S., *Joint Supt. (Coop. U. S. D. A.).*
E. W. Lyle, Ph. D., *Plant Path. (Cotton Root Rot Invest.).*

Tyler (No. 2)—
P. R. Johnson, M. S., *Joint Supt. (Coop. U. S. D. A.).*
J. B. Pope, M. S., *Project Leader, Soil Conserv. Res. (Coop. U. S. D. A.).*
J. C. Ratsek, Ph. D., *Hort. (Rose Disease Invest.).*
O. C. Word,[1] B. S., *Assoc. Agr. Engin. (Coop. U. S. D. A.).*

Weslaco (No. 15)—
W. H. Friend, B. S., *Supt.*
G. H. Godfrey, Ph. D., *Plant Path.*
W. C. Scott, M. A., *Chem. (Citrus Products Lab.: Coop. U. S. D. A.).*
J. F. Wood, B. S., *Hort.*

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Ernest Mortensen, B. S., *Supt.*
W. H. Ewart, Ph. D., *Ent.*
L. R. Hawthorn, M. S., *Hort. (Coop. U. S. D. A.)*
S. S. Ivanoff, Ph. D., *Plant Path.*

Ysleta (No. 17)—
S. E. Jones, Ph. D., *Supt.*
T. D. Bell, Ph. D., *An. Husb.*
P. J. Lyerly, Ph. D., *Agron.*

Prairie View State Normal and Industrial College, *Prairie View*

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*L. A. Potts, M. S., *Dir. Div. of Agr. Prof. Rural Ed.*

*O. J. Baker, M. L. S., *Libr.*
*J. M. Coruthers, Ph. D., *Prof. Agr. Econ.*
*H. D. C. Douglass, M. S., *Asst. Prof. Agron.*
‡H. S. Estelle, B. S., *Asst. State Leader in Ext. Work.*
‡E. B. Evans, D. V. M., *State Leader in Ext. Work.*
*Pearl Foreman, M. S., *Instr. Foods and Nutr.*
*C. A. Harrison, B. S., *Instr. Rural Engin.*
*B. S. Luter, M. S., *Asst. Prof. Agr. Ed.*
*Elizabeth C. May, M. S., *Dir. Div. of Home Making.*
*A. J. Miller, B. S., *Asst. Prof. Rural Engin.*
*S. G. Murray, M. S., *Asst. Prof. Rural Econ.*
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*A. B. Pittman, D. V. M., *Asst. Prof. Vet. Med.*
*Mayme L. Powell, M. S., *Asst. Prof. Clothing.*
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‡Mrs. Iola W. Rowan, B. S., *State Home Dem. Agt.*
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*Louisa M. Taylor, B. S., *Itinerant Teacher Trainer.*
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*J. C. Williams, M. S., *Asst. Prof. An. Husb.*
‡J. H. Williams, B. S., *Club Boys' Adviser.*

[1] On leave.

UTAH

Utah State Agricultural College, the Agricultural Experiment Station, and the Agricultural Extension Service, *Logan*

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*E. G. Peterson, Ph. D., *President.*
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†Wesley Keller, Ph. D., *Assoc. Agron. (Coop. U. S. D. A.).*
†D. F. McAlister, Ph. D., *Asst. Agron. (Coop. U. S. D. A.).*
*†H. B. Peterson, Ph. D., *Instr. and Asst. in Soils.*
*†D. W. Pittman,[1] M. S., *Prof. Soils; Assoc. Agron.*
†D. L. Sargent, M. S., *Asst. Agron.*[2]
*†D. W. Thorne, Ph. D., *Assoc. Prof. and Assoc. Agron.*
*†D. C. Tingey,[1] M. A., *Assoc. Prof. and Assoc. Agron.*
†LeMoyne Wilson, M. S., *Asst. Agron.*
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Animal Husbandry:
*†F. F. McKenzie, Ph. D., *Prof. An. Husb.; An. Husb.*
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*†‡A. C. Esplin, M. S., *Prof. An. Husb.; An. Husb.*
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‡H. H. Smith, M. S., *Ext. An. Husb.*
*†Leroy Van Horn, M. S., *Asst. Prof. and Asst. An. Husb.*

Bacteriology and Biochemistry:
*†J. E. Greaves, Ph. D., *Prof. Bact. and Biochem.; Biochem. and Bact.*
*E. G. Carter, M. S., D. P. H., *Prof. Public Health and Physiol.*
*C. L. Anderson, M. S., D. P. H., *Prof. Public Health and Physiol.*
*†L. W. Jones, M. S., *Asst. Prof. and Asst. Bact.*
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Botany and Plant Pathology:
*†B. L. Richards, Ph. D., *Prof. Bot. and Plant Path.; Bot. and Plant Path.*
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†Michael Shapovalov, M. S., *Senior Path. (Coop. U. S. D. A.).*
*R. S. Snell,[1] Ph. D., *Asst. Prof. Bot.*
*†F. B. Wann, Ph. D., *Assoc. Prof. Bot., Plant Path. and Physiol.; Assoc. Bot. and Plant Path.*

Chemistry:
*†R. L. Hill,[1] Ph. D., *Prof. Chem.; Chem.*
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*Sherwin Maeser, Ph. D., *Prof. Chem.*
*L. E. Malm, Ph. D., *Assoc. Prof. Chem.*

Dairy Husbandry and Manufacturing:
*††‡G. B. Caine, M. A., *Prof. Dairy Husb.; Dairy Husb.*
†G. Q. Bateman, B. S., *Asst. Dairy Husb. and Supt. Dairy Expt. Farm (Coop. U. S. D. A.).*
*††‡A. J. Morris, M. S., *Assoc. Prof. and Coop. in Dairy Mfg.*
†J. E. Packer, B. S., *Res. Asst. in Dairy Husb.*
‡L. H. Rich, M. S., *Ext. Dairyman.*

Economics (Agr.) and Marketing:
*††‡W. P. Thomas, Ph. D., *Prof. Agr. Econ. and Mktg.; Agr. Econ.*
*†G. T. Blanch, Ph. D., *Assoc. Prof. Agr. Econ. and Mktg.; Assoc. Agr. Econ.*
*†D. A. Broadbent, M. S., *Asst. Prof. and Res. Asst. in Agr. Econ.*
‡G. A. Carpenter, M. S., *Ext. Agr. Econ.*
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†R. F. Daly,[1] M. S., *Res. Asst. in Agr. Econ.*[2]
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*†O. W. Israelsen, Ph. D., *Prof. and in charge Irrig. and Drainage.*
*A. C. Jacquot, M. S., *Assoc. Prof. and Head Dept. Agr. Engin.*
*H. S. Carter, M. S., C. E., *Prof. Civil Engin.*
*H. R. Kepner, C. E., M. S., *Prof. Engin.*
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Entomology—See **Zoology.**

Extension (Admin.):[3]
‡William Peterson, B. S., *Dir.*
‡W. W. Owens, M. A., *Asst. Dir. for Agr.*
‡Myrtle Davidson, M. A., *Asst. Dir. for Home Econ.*
‡D. P. Murray, B. S., *State Boys' and Girls' Club Leader.*
‡David Sharp, Jr., B. S., *Asst. State 4-H Club Leader.*

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[1] On leave.
[2] In cooperation with Branch Agricultural College, Cedar City.
[3] For subject-matter workers see the respective division; i. e., agronomy and soils, animal husbandry, etc.

Extension (Admin.)—Continued.

‡Fern Shipley, B. S., *Asst. State Boys' and Girls' Club Leader.*

Forestry:

——— *Dean of School.*
*G. H. Barnes, M. S. F., *Asst. Prof. For.*
*‡J. W. Floyd, M. S., *Asst. Prof. and Ext. For.*
*G. H. Kelker, M. S. F., *Asst. Prof. Wildlife Mgt.*
*R. P. McLaughlin, M. F., Ph. D., *Assoc. Prof. For.*
*D. I. Rasmussen, Ph. D., *Assoc. Prof. in charge Wildlife Mgt. (Coop. U. S. D. I.).*
*†A. D. Smith,[1] M. S., *Asst. Prof. and Coop. in Range Mgt.*
*†L. A. Stoddart, Ph. D., *Prof. Range Mgt.; Range Ecol., Acting Dean.*

Geology.

*J. S. Williams, Ph. D., *Prof. Geol.*
*William Peterson, B. S., *Prof. Geol.*
*H. V. Church, Ph. D., *Instr. Geol.*

Home Economics:

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*Agnes E. Bahlert, M. S., *Asst. Prof. Foods.*
‡Mrs. Effie S. Barrows, B. S., *Home Furnishing Spec.*
†Mrs. Almeda P. Brown, M. A., *Assoc. in Home Econ. Res.*
*Lois Holderbaum,[1] M. S., *Asst. Prof. Textiles and Clothing.*
*Bertha F. Johnson, M. A., *Assoc. Prof. Textiles and Clothing.*
‡Elna Miller, M. S., *Ext. Nutr.*
*Pauline E. Nutter, Ph. D., *Assoc. Prof. Foods and Dietetics.*
*Margaret Olson, M. S., *Instr. Textiles and Clothing.*
*Edna Page, M. A., *Asst. Prof. Foods.*
‡Susie H. Sanford, B. S., *Clothing Spec.*
*Esther L. Skeels, M. S., *Asst. Prof. Child Development.*
*Florence B. Thompson, M. A., *Asst. Prof. Home Econ. Ed.*
*Una Vermillion, M. A., *Assoc. Prof. Institutional Mgt.*

Horticulture:

*†F. M. Coe, M. S., *Assoc. Prof. and Assoc. Hort.*
*†L. H. Pollard, Ph. D., *Assoc. Prof. and Head Dept. of Veg. Crops.*

Horticulture—Continued.

*‡L. S. Morris, Ph. D., *Assoc. Prof. and Head Dept. of Landsc. Arch.*
†Gerard Sampson, B. S., *Res. Assoc. in Veg. Crops.*
†‡A. L. Stark, Ph. D., *Assoc. and Ext. Hort.*

Physics:

*L. B. Linford,[1] Ph. D., *Prof. Phys.*
*†Willard Gardner, Ph. D., *Prof. Phys.; Physicist, Actg. Head of Dept.*
*P. J. Hart, Ph. D., *Asst. Prof. Phys.*

Poultry Husbandry:

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*‡Carl Frischknecht, M. S., *Assoc. Prof. and Ext. Poultryman.*
*†B. A. Ivory, M. S., *Instr. and Res. Asst. Poultry Husb.*[2]

Veterinary Science:

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*†Wayne Binns,[1] D. V. M., *Asst. Prof. Vet. Med.; Asst. An. Path.*
†R. S. Jackson, A. B., *Sci. Aid (Coop. U. S. D. A.).*
†H. H. Nielsen, M. S., *Agt. (Coop. U. S. D. A.).*

Zoology and Entomology:

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*†G. F. Knowlton, Ph. D., *Assoc. Prof. and Assoc. Ent.*
†W. E. Peay, M. S., *Asst. Ent. (Coop. U. S. D. A.).*
*†C. J. Sorenson, M. S., *Assoc. Prof. and Assoc. Ent.*
*J. S. Stanford, Ph. D., *Asst. Prof. Zool. and Ent.*

Miscellaneous:

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*D. W. Davies, *Libr.*
‡N. P. Olsen, B. S., *Ext. Secy.*

Substations:

Davis County Substa., *P. O., Farmington*—L. H. Pollard, Ph. D., *Supt.*
Nephi Dry-Land Substa., *P. O., Nephi*—A. F. Bracken, M. S., *Supt.*

VERMONT

College of Agriculture and the Agricultural Experiment Station of the University of Vermont and State Agricultural College, *Burlington*

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*†‡J. E. Carrigan, M. A., *Dean Coll. of Agr., Dir. of Sta., Dir. Agr. Ext. Service.*
*†‡H. R. Varney, Ph. D., *Asst. Dean Coll. of Agr., Asst. Dir. of Sta., Asst. Dir. Agr. Ext. Service.*
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Agronomy:

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Animal and Dairy Industry:

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*†N. N. Allen, Ph. D., *Assoc. Prof. Dairy Prod.; Asst. An. and Dairy Husb.*
†O. M. Cambum, M. S., *Assoc. An. and Dairy Husb.*

Animal and Dairy Industry—Continued.

‡R. F. Evans, B. S., *Asst. Ext. Dairyman.*
†J. M. Frayer, M. S., *Assoc. Dairy Bact.*
*†E. O. Herreid, Ph. D., *Prof. Dairy Mfg.; Assoc. An. and Dairy Husb.*
‡E. H. Loveland, A. M., *Ext. Dairyman.*
*†J. A. Newlander, Ph. D., *Assoc. Prof. and Assoc. An. and Dairy Husb.*
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[1] On leave.
[2] In cooperation with Branch Agricultural College, Cedar City.

Botany and Plant Pathology:

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*†B. F. Lutman, Ph. D., *Prof. Plant Path.; Plant Path.*
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†Mrs. Anna S. Lutman, Ph. B., *Seed Analyst.*
*†J. W. Marvin, Ph. D., *Asst. Prof. and Asst. Bot.*
*Betty F. Thomson, A. M., *Instr. Bot.*

Chemistry:

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†E. F. Boyce, B. S., *Asst. Chem. (Regulatory).*
†Mrs. Jennie R. Bradlee, B. S., *Asst. Chem.*
†Fred Brisson, *Asst. Chem.*
†M. W. Foote, B. S., *Asst. Chem.*
†L. S. Walker, B. S., *Chem. (Regulatory).*

Economics (Agr.):

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†T. M. Adams, M. S., *Asst. Agr. Econ.*
‡R. S. Beck, Ph. D., *Actg. Ext. Econ.*
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Engineering (Agr.):

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Extension (Admin.): [1]

‡J. E. Carrigan, M. A., *Dir.*
‡H. R. Varney, Ph. D., *Asst. Dir.*
‡H. W. Soule, B. S., *County Agt. Leader.*
‡Marjorie E. Luce, B. S., *State Home Dem. Leader.*
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‡F. C. Essick, B. S., *Asst. State Club Leader.*
‡Mrs. Ruth W. Townsend, B. S., *Asst. State Club Leader.*

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*Dorothy Barton, Ph. D., *Instr. Foods and Nutr.*
*Lucretia Battles, M. A., *Assoc. Prof. Institution Econ.*
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[1] On leave.
[2] On military leave.
[3] For subject-matter workers see the respective division; i. e., agronomy and genetics, animal husbandry, etc.

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†Mrs. M. Mildred Johnson, M. S., *Instr. Agr. Bact.*
*Janet R. McCarter, Ph. D., *Asst. Prof. Agr. Bact.*
*†Elizabeth F. McCoy, Ph. D., *Assoc. Prof. Agr. Bact.*
*†W. B. Sarles, Ph. D., *Assoc. Prof. Agr. Bact.*
*†W. W. Umbreit, Ph. D., *Asst. Prof. Agr. Bact.*
*†P. W. Wilson, Ph. D., *Assoc. Prof. Agr. Bact.*

Biochemistry:

*†E. B. Hart, B. S., *Prof. and Chair. of Dept.*
*†C. A. Baumann, Ph. D., *Assoc. Prof. Biochem.*
*†C. A. Elvehjem, Ph. D., *Prof. Biochem.*
*†M. J. Johnson, Ph. D., *Assoc. Prof. Biochem.*
*†K. P. Link, Ph. D., *Prof. Biochem.*
*†J. A. Miller, M. S., *Asst. in Biochem.*
*†R. C. Mills, M. S., *Asst. in Biochem.*
*†W. H. Peterson, Ph. D., *Prof. Biochem.*
*†P. H. Phillips, Ph. D., *Prof. Biochem.*
*†Harry Steenbock, Ph. D., D. Sc., *Prof. Biochem.*
*†F. M. Strong, Ph. D., *Assoc. Prof. Bio-Chem.*
*†W. E. Tottingham, Ph. D., *Assoc. Prof. Biochem.*

Dairy Husbandry:

*†‡E. E. Heizer, Ph. D., *Prof. and Chair. of Dept.*
*†‡G. R. Barrett, M. S., *Instr. Dairy Husb.*
*†G. Bohstedt, Ph. D., *Prof. Dairy Husb., in charge An. and Dairy Nutr.*

[1] This institution gives the academic title to all staff members.
[2] On leave.

Dairy Husbandry—Continued.

‡A. O. Collentine, B. S., *Ext. Asst. Prof. Dairy Husb.*
‡A. J. Cramer, B. S., *Ext. Asst. Prof. Dairy Husb.*
‡Eleanor M. Fritz, *Ext. Asst. in Dairy Husb.*
‡R. T. Harris, *Ext. Asst. Prof. Dairy Husb.*
†D. E. Klussendorf, *Asst. in Dairy Husb.*
*N. S. Lundquist, M. S., *Instr. Dairy Husb.*
*†I. W. Rupel, Ph. D., *Assoc. Prof. Dairy Husb.*
‡G. W. Vergeront, B. A., *Asst. Prof. Dairy Husb.*
‡G. M. Werner, B. S., *Asst. Prof. Dairy Husb.*
*C. E. Zehner, B. S., *Instr. Dairy Husb.*

Dairy Industry:

*†H. C. Jackson, Ph. D., *Prof. and Chair. of Dept.*
‡D. D. Nusbaum, B. S., *Instr. Dairy Indus.*
*†W. V. Price, Ph. D., *Prof. Dairy Indus.*
*†H. H. Sommer, Ph. D., *Prof. Dairy Indus.*
*†L. C. Thomsen, B. S., *Assoc. Prof. Dairy Indus.*
*‡Evert Wallenfeldt, M. S., *Asst. Prof. Dairy Indus.*
*†K. G. Weckel, Ph. D., *Assoc. Prof. Dairy Indus.*

Economics (Agr.):

*††Asher Hobson, Ph. D., *Prof. and Chair. of Dept.*
*††D. S. Anderson,[1] B. S., *Assoc. Prof. Agr. Econ.*
*††H. H. Bakken, M. A., *Assoc., Prof. Agr. Econ.*
*†W. H. Ebling, Ph. D., *Asst. Prof. Agr. Econ.*
‡A. O. Follett, B. S., *Ext. Asst. Prof. Agr. Econ.*
*††R. K. Froker, M. S., *Assoc. Prof. Agr. Econ.*
‡I. F. Hall, Ph. D., *Ext. Assoc. Prof. Agr. Econ.*
‡C. M. Hardin, Ph. D., *Ext. Asst. Prof. Agr. Econ.*
††C. R. Hoglund, M. S., *Asst. in Agr. Econ. (Coop. U. S. D. A.).*
‡Myrtle Jones, B. A., *Ext. Asst. in Agr. Econ.*
‡W. M. Krohn, *Ext. Asst. in Agr. Econ.*
††P. E. McNall, Ph. D., *Prof. Agr. Econ.*
*D. R. Mitchell, M. S., *Asst. Prof. Agr. Econ.*
*†W. P. Mortenson,[1] Ph. D., *Assoc. Prof. Agr. Econ.*
*†K. H. Parsons, Ph. D., *Assoc. Prof. Agr. Econ.*
*M. C. Riley, LL. B., *Lect. in Agr. Econ.*
‡W. A. Rowlands, B. S., *Ext. Prof. Agr. Econ.*
*†L. A. Salter, Jr., M. A., *Asst. Prof. Agr. Econ.*
*†M. A. Schaars, Ph. D., *Assoc. Prof. Agr. Econ.*
†Marian E. Schwenn, *Asst. in Agr. Econ.*
*†G. S. Wehrwein, Ph. D., *Prof. Agr. Econ.*

Editorial—See **Journalism.**

Education (Agr.):

*J. A. James, B. S., *Prof. and Chair. of Dept.*
*V. E. Kivlin, M. S., *Prof. Agr. Ed.*
*H. J. Morrissey, B. S., *Instr. Agr. Ed.*

Engineering (Agr.):

*†F. W. Duffee, B. S., *Prof. and Chair. of Dept.*

Engineering (Agr.)—Continued.

*†H. D. Bruhn, M. S., *Asst. Prof. Agr. Engin.*
‡R. M. Carter, M. S., *Ext. Instr. For. (Coop. U. S. D. A.).*
‡M. J. LaRock, B. S., *Ext. Asst. Prof. Agr. Engin.*
‡F. B. Trenk, M. S., *Ext. Assoc. Prof. Agr. Engin. (For.: Coop. U. S. D. A.).*
*†S. A. Witzel, M. S., *Assoc. Prof. Agr. Engin.*
*‡O. R. Zeasman, B. S., *Prof. Agr. Engin.*

Entomology (Econ.):

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*††T. C. Allen, Ph. D., *Assoc. Prof. Econ. Ent.*
†C. L. Farrar, Ph. D., *Assoc. Prof. Econ. Ent. (Coop. U. S. D. A.).*
†J. H. Lilly, Ph. D., *Asst. Prof. Econ. Ent.*
†C. W. Schaefer, Ph. D., *Instr. Econ. Ent. (Coop. U. S. D. A.).*
*†E. M. Searls, Ph. D., *Asst. Prof. Econ. Ent.*
*††H. F. Wilson, M. S., *Prof. Econ. Ent.*

Extension (Admin.):[2]

‡W. W. Clark, M. S., *Assoc. Dir. in charge.*
‡A. M. Mucks, B. S., *Asst. Dir.*
‡T. L. Bewick, M. S., Ph. M., *State Club Leader.*
‡Edna Baumann, B. S., *Asst. State Club Leader.*
‡E. A. Jorgensen,[1] B. S., *Dist. Ext. Leader.*
‡Wakelin McNeel, B. S., *Asst. State Club Leader (Coop. U. S. D. A.).*
‡R. B. Pallett, B. S., *Dist. Ext. Leader.*
‡W. A. Rowlands, B. S., *Dist. Ext. Leader.*
‡B. F. Rusy, B. S., *Dist. Ext. Leader.*
‡V. V. Varney, B. S., *Asst. State Club Leader.*

Genetics:

*†R. A. Brink, D. Sc., *Prof. and Chair. of Dept.*
*†L. E. Casida, Ph. D., *Assoc. Prof. Genetics.*
*†A. B. Chapman, Ph. D., *Asst. Prof. Genetics.*
*†L. J. Cole, Ph. D., *Prof. Genetics.*
*†D. C. Cooper, Ph. D., *Assoc. Prof. Genetics.*
†R. W. Cumley, Ph. D., *Res. Assoc. in Genetics.*
*†M. R. Irwin, Ph. D., *Prof. Genetics (Coop. U. S. D. A.).*
*†N. P. Neal, Ph. D., *Assoc. Prof. Genetics.*
†G. H. Rieman, Ph. D., *Prof. Genetics.*
†W. K. Smith, Ph. D., *Asst. Prof. Genetics (Coop. U. S. D. A.).*

Home Economics:

*Frances L. Zuill, M. A., *Prof. and Chair. of Dept. and Dir. of Courses.*
*Cecelia F. Abry, M. S., *Asst. Prof. Home Econ.*
*Helen L. Allen, M. A., *Asst. Prof. Home Econ.*
‡Mrs. Elsa B. Bate, M. S., *Ext. Asst. Prof. Home Econ.*
‡Mary A. Brady, M. S., *Ext. Assoc. Prof Home Econ.*
‡Mrs. Charlotte C. Buslaff, B. S., *Ext. Asst. Prof. Home Econ.*
*†May L. Cowles, Ph. D., *Assoc. Prof. Home Econ.*
*Helen C. Dawe, M. A., *Asst. Prof. Home Econ.*
*Mrs. Betty S. Geisler, B. S., *Instr. Home Econ.*

[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Home Economics—Continued.

†Helen D. Gilberg, B. S., *Asst. in Home Econ.*
*Mrs. Julia L. Hill, M. S., *Instr. Home Econ.*
*Dorothy L. Hussemann, M. S., *Asst. Prof. Home Econ.*
‡Clara E. Jonas, M. A., *Ext. Asst. Prof. Home Econ.*
*Marion A. Juaire, M. S., *Assoc. Prof. Home Econ.*
‡Blanche L. Lee, M. A., *Ext. Prof. Home Econ. (State Leader).*
*Mrs. Agnes Leindorf, M. S., *Instr. Home Econ.*
*Hazel Manning, M. S., *Prof. Home Econ.*
‡Mrs. Margaret P. McCordic, B. S., *Ext. Asst. Prof. Home Econ.*
‡Gladys L. Meloche, M. S., *Ext. Prof. Home Econ.*
*Mrs. Iva R. Mortimer, M. S., *Instr. Home Econ.*
*Ruth H. Myrland, B. A., *Instr. and Asst. to Chair. of Dept.*
*Helen M. Park, B. F. A., *Asst. Prof. Home Econ.*
*†Helen T. Parsons, Ph. D., *Prof. Home Econ.*
*Stella T. Patton, M. S., *Asst. Prof. Home Econ.*
‡Helen Pearson, M. S., *Ext. Instr. Home Econ.*
*†Catherine J. Personius, Ph. D., *Assoc. Prof. Home Econ.*
‡Josephine B. Pollock, M. A., *Ext. Assoc. Prof. Home Econ. (Asst. State Leader).*
*Mrs. Ruth S. Randolph,[1] M. A., *Assoc. Prof. Home Econ.*
*†Mrs. May S. Reynolds, Ph. D., *Assoc. Prof. Home Econ.*
*Frances E. Roberts, M. S., *Instr. Home Econ.*
‡Grace L. Rowntree, B. S., *Ext. Asst. Prof. Home Econ. (Asst. State Leader).*
‡Gladys S. Stillman, M. S., *Ext. Asst. Prof. Home Econ.*
*Helen Waite, M. A., *Asst. Prof. Home Econ.*

Horticulture:

*†‡J. G. Moore, M. S., M. H., *Prof. and Chair. of Dept.*
†W. B. Allington, Ph. D., *Instr. Hort. (Coop. U. S. D. A.).*
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††O. B. Combs, M. S., *Asst. Prof. Hort.*
‡J. S. Elfner,[1] B. S., *Ext. Instr. Hort.*
†R. W. Fulton, Ph. D., *Asst. in Hort.*
†H. E. Heggestad, *Asst. in Hort.*
†James Johnson, Ph. D., *Prof. Hort. (Coop. U. S. D. A.).*
‡C. L. Kuehner, B. S., *Ext. Asst. Prof. Hort.*
*G. W. Longenecker, M. S., *Assoc. Prof. Hort.*
‡J. G. Milward, M. S., *Ext. Prof. Hort.*
†W. B. Ogden, M. S., *Asst. Prof. Hort.*
†G. H. Rieman, Ph. D., *Prof. Hort.*
*†R. H. Roberts, Ph. D., *Prof. Hort.*
†Burdean E. Struckmeyer, Ph. D., *Asst. in Hort.*

Journalism (Agr.):

*††‡A. W. Hopkins, B. L., *Prof. and Chair. of Dept., Agr. Editor.*
*‡M. E. Bliss, B. S., *Asst. Prof. Agr. Journalism.*
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*†N. H. Hoveland, M. S., *Asst. Prof. Agr. Journalism.*

Journalism (Agr.)—Continued.

‡B. C. Jorns, *Ext. Asst. in Agr. Journalism*
*††‡Grace E. Langdon, M. A., *Asst. Prof. Agr. Journalism; Asst. Agr. Editor.*
*‡R. H. Rasmussen, B. S., *Asst. Prof. Agr. Journalism.*
*W. A. Sumner, M. Ph., *Prof. Agr. Journalism.*

Plant Pathology:

*†G. W. Keitt, Ph. D., D. Sc., *Prof. and Chair. of Dept.*
†J. L. Allison, Ph. D., *Asst. Prof. Plant Path. (Coop. U. S. D. A.).*
‡J. W. Brann, M. S., *Ext. Asst. Prof. Path. (Coop. U. S. D. A.).*
††H. M. Darling, M. S., *Asst. Prof. Plant Path.*
*†J. G. Dickson, Ph. D., *Prof. Plant Path. (Coop. U. S. D. A.).*
*†B. M. Duggar, Ph. D., *Prof. Plant Path. and Bot.*
*†E. M. Gilbert, Ph. D., *Prof. Plant Path. and Bot.*
†B. W. Henry, Ph. D., *Instr. Plant Path.*
†E. H. Herrling, B. S., *Asst. in Plant Path.*
†W. J. Hooker, Ph. D., *Instr. Plant Path.*
†R. H. Larson, Ph. D., *Instr. Plant Path.*
†J. D. Moore, B. S., *Asst. in Plant Path.*
†G. H. Rieman, Ph. D., *Prof. Plant Path.*
*†A. J. Riker, Ph. D., *Prof. Plant Path.*
†Mrs. Marcia M. Strewler, B. S., *Asst. in Plant Path.*
*‡R. E. Vaughan, M. S., *Prof. Plant Path.*
*†J. C. Walker, Ph. D., *Prof. Plant Path. (Coop. U. S. D. A.)*
††‡W. W. Weber, B. S., *Asst. in Plant Path.*

Poultry Husbandry:

*††‡J. G. Halpin, B. S., *Prof. and Chair. of Dept.*
*††G. E. Annin, M. S., *Asst. Prof. Poultry Husb.*
*†W. W. Cravens, Ph. D., *Asst. Prof. Poultry Husb.*
‡J. B. Hayes, B. S., *Ext. Prof. Poultry Husb.*
*†W. H. McGibbon, Ph. D., *Asst. Prof. Poultry Husb.*

Short Course:

*J. R. Barton, B. A., B. D., *Prof. and Dir. of Course.*
*‡G M. Briggs, B. S., *Assoc. Dir. and Prof. (Agron.).*
*‡H. L. Ewbank, Ph. D., *Prof. (Rural Sociol.).*
*M. C. Riley, LL. B., *Lect. (Agr. Econ.).*

Sociology (Rural):

*†J. H. Kolb, Ph. D., *Prof. and Chair. of Dept.*
††M. P. Andersen, M. P., *Instr. Rural Sociol.*
*J. R. Barton, B. A., B. D., *Assoc. Prof. Rural Sociol.*
*‡H. L. Ewbank, Ph. D., *Ext. Prof. Rural Sociol.*
*†G. W. Hill, Ph. D., *Assoc. Prof. Rural Sociol.*
‡Almere L. Scott, B. A., *Ext. Assoc. Prof. Rural Sociol.*
‡Gwendolyn A. Stenehjem, B. S., *Ext. Instr. Rural Sociol.*
‡D. E. Vornholt, M. A., *Ext. Asst. in Rural Sociol.*
*‡A. F. Wileden, M. S., *Assoc. Prof. Rural Sociol.*

Soils:

*†Emil Truog, M. S., *Prof. and Chair. of Dept.*
†A. R. Albert, B. S., *Assoc. Prof. Soils (P. O., Hancock).*

[1] On leave.

Soils—Continued.
*†O. J. Attoe, Ph. D., *Instr. Soils.*
†K. C. Berger, Ph. D., *Instr. Soils.*
‡C. J. Chapman, B. S., *Ext. Prof. Soils.*
*†E. J. Graul, M. S., *Prof. Soils.*
‡H. H. Hull, Ph. D., *Ext. Instr. Soils.*
*†M. L. Jackson, Ph. D., *Asst. Prof. Soils.*
*†R. J. Muckenhirn, Ph. D., *Asst. Prof. Soils.*
‡F. H. Turner, M. A., *Instr. Soils.*
*†S. A. Wilde, D. Tech. Sc., *Assoc. Prof. Soils.*
*‡O. R. Zeasman, B. S., *Prof. Soils.*

Statistical Service (Agr.):
*†Churchill Eisenhart, Ph. D., *Asst. Prof. Agr. Stat.*
†Virginia B. Beal, *Asst. to Agr. Stat.*

Veterinary Science:
*†‡B. A. Beach, D. V. M., *Prof. and Chair. of Dept.* (*Coop. U. S. D. A.*).
‡P. T. Candlin, *Instr. Vet. Sci.*
*†F. B. Hadley, D. V. M., *Prof. Vet. Sci.*
*†C. A. Herrick, D. Sc., *Prof. Vet. Sci. and Zool.*
†M. Mildred Johnson, M. S., *Instr. Vet. Sci.*
†B. B. Morgan, Ph. D., *Instr. Vet. Sci.*
†G. R. Spencer, D. V. M., *Instr. Vet. Sci.* (*Coop. U. S. D. A.*).
†C. J. Stormont, B. A., *Asst. in Vet. Sci.* (*Coop. U. S. D. A.*).
†C. K. Whitehair, D. V. M., *Instr. Vet. Sci.*
†Louise F. Wipf, Ph. D., *Asst. in Vet. Sci.*
†‡Walter Wisnicky, B. S., D. V. M., *Prof. Vet. Sci.*

Wildlife Management:
*†A. S. Leopold, B. S., M. F., *Prof. and Chair. of Dept.*
*†Alice C. Harper, B. A., *Asst. in Wildlife Mgt.*

Miscellaneous:
*O. F. Anderson, B. S., *Asst. in Admin.*
*Dagny Borge, *Asst. Libr.*
*J. S. Curry, *Artist in Residence.*
*†C. S. Hean, B. A., *Libr.*
*Mrs. Josephine Shealy, *Asst. Libr.*
†Raphael Zon, B. S., F. E., *Prof. For.* (*Coop. U. S. D. A.: P. O., University Farm, St. Paul, Minn.*).

Substations:
Ashland, Spooner, Peninsular, and Sturgeon Bay Branch Expt. Stas.—
E. J. Delwiche, M. S., *in charge* (*P. O., Green Bay*).
A. L. Bibby, B. S., *Asst. in Branch Stas* (*P. O., Spooner*).
D. H. Holt, B. S., *Asst. in Branch Stas.* (*P. O., Ashland*).
L. E. Muskavitch, *Asst. in Branch Stas.* (*P. O., Sturgeon Bay*).
A. M. Strommen, M. S., *Instr. in Branch Stas.* (*P. O., Spooner*).
Hancock, Coddington, and Marshfield Branch Expt. Stas.—
A. R. Albert, B. S., *in charge* (*P. O., Hancock*).
W. A. Cummings, B. S., *Instr. Soils* (*P. O., Hancock*).
Upper Miss. Erosion Expt. Sta., *P. O., La Crosse*—
O. E. Hays, B. S., *Supt.* (*Coop. U. S. D. A.*).

WYOMING

College of Agriculture and the Agricultural Experiment Station of the University of Wyoming, *Laramie*

*College faculty. †Station staff. ‡Extension staff.

*J. L. Morrill, B. A., LL. D., *President of University.*
*†J. A. Hill, B. S., *Dean Coll. of Agr., Dir. of Sta., Wool Spec.*
‡A. E. Bowman, B. S., *Dir. of Ext. Work in Agr. and Home Econ.*
*‡F. T. Heathman, *Deputy Treasurer.*

Agronomy and Economics (Agr.):
*†A. F. Vass, Ph. D., *Prof. and Chair. of Dept.; Agron.*
*†W. L. Bartholdi, Ph. D., *Asst. Prof. and Asst. Agron.*
‡G. W. Boyd,[1] B. S., *Ext. Agron.*
*†J. F. Cykler,[1] B. S., *Instr. and Asst. in Agr. Engin.*
*†T. J. Dunnewald, M. S., *Assoc. Prof. Agron.; Assoc. in Soils.*
†L. C. Erickson, B. S., *Seed Analyst.*
*†D. L. Klingman, M. S., *Instr. and Asst. in Agron.*
*†R. L. Lang, M. S., *Asst. Prof. and Asst. Agron.*
‡Earl Moncur, B. S., *Ext. Asst. in Land Use Planning.*
*†W. A. Riedl, M. S., *Asst. Prof. and Asst. Agron.*
‡D. A. Ritter,[1] B. S., *Ext. Soil Conserv.*
*†G. H. Starr, Ph. D., *Assoc. Prof. Agron.; Plant Path.*
*†E. J. Talbot, M. S., *Asst. Prof. and Asst. Agr. Econ.*
‡A. W. Willis,[1] M. S., *Ext. Agr. Econ.*

Animal Production:
*†F. S. Hultz, Ph. D., *Prof. and Chair. of Dept.; An. Husb.*
*†R. H. Burns, Ph. D., *Wool Spec.*
‡Anton Fellhauer, M. S., *Livestock and Dairy Spec.*
*†J. A. Gorman,[1] M. S., *Asst. Prof. An. Prod.; Asst. An. Husb.*
*†Alexander Johnston, M. S., *Asst. Prof. and Asst. Wool Spec.*

Animal Production—Continued
‡M. H. Meshew, M. S., *Poultry Spec.*
*†M. O. North, M. S., *Asst. Prof. An. Prod.; Asst. Poultry Husb.*
*†W. R. Smith, B. S., *Asst. Prof. An. Prod.; Asst. An. Husb.*
*†S. S. Wheeler, Ph. D., *Assoc. Prof. An. Prod.; Assoc. An. Husb.*
*†H. S. Willard, Ph. D., *Assoc. Prof. An. Prod.; Assoc. An. Husb.*

Botany and Forestry:[2]
*†W. G. Solheim, Ph. D., *Chair. of Dept. and Prof. Bot.*
*†Aven Nelson, Ph. D., D. Sc., LL. D., *Prof. Bot.; Bot. and Hort.*
*H. T. Northen, Ph. D., *Asst. Prof. Bot.*
*C. L. Porter, Ph. D., *Assoc. Prof. Bot.*

Chemistry (Agr.):
*P. T. Miller, M. A., *Prof. and Chair. of Dept.*
†O. A. Beath, M. A., *Res. Chem.*
†H. F. Eppson,[1] M. S., *Asst. Res. Chem.*
*F. C. Freytag, Ph. D., *Assoc. Prof. Chem.*
†C. S. Gilbert, M. A., *Assoc. Res. Chem.*
*†F. E. Hepner, M. S., *Prof. Chem.; Head of Weather Sta.*
†O. C. McCreary, Ph. D., *Assoc. Res. Chem.*
†Irene Rosenfeld, Ph. D., *Asst. Pharmacol.*
*E. R. Schierz, Ph. D., *Prof. Chem.*
*L. E. Walter, M. S., *Prof. Chem.* (*State Chem.*).

[1] On leave.
[2] Courses given in Division of Letters and Science.

Economics—See **Agronomy.**

Education (Agr.):

*S. H. Dadisman, M. S., *Prof. Voc. Ed.*
*L. S. Crawford, M. S., *Asst. Prof. Teacher Training in Agr.*

Entomology and Apiculture:

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†E. C. Holst, Ph. D., *Asst. Bact.* (*Coop. U. S. D. A.*).
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Extension (Admin.):[2]

‡A. E. Bowman, B. S., *Dir.*
‡G. W. O'Roke, *Admin. Asst.*
‡F. P. Lane, M. S., *County Agt. Leader.*
‡Mary G. Collopy, B. S., *State Home Dem. Leader.*
‡B. W. Marston,[2] B. S., *State Club Leader.*
‡F. A. Chisholm, B. S., *Asst. State Club Leader.*
‡Gladys H. Oller, B. S., *Asst. State Club Leader.*

Home Economics:

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*Ruth Bumpas, M. S., *Asst. Prof. Clothing and Textiles.*
*Evalyn Erwin, M. S., *Instr. Home Econ.*
‡Bernice Forest, M. S., *Clothing Spec.*
*Mrs. Verna J. Hitchcock, M. S., *Asst. Prof. Homemaking and Parent Ed.*
‡Evangeline Jennings, B. S., *Foods and Nutr. Spec.*
‡Ellen R. Lindstrom, M. S., *Home Mgt. Spec.*
*Veva E. Lukin, M. A., *Asst. Prof. Teacher Training in Home Econ.*

Home Economics—Continued.

*Frances Obst, M. A. *Instr. Home Econ.*
*†Emma J. Thiessen, M. A., *Asst. Prof. and Res. Asst. Home Econ.*

Horticulture:

‡W. O. Edmondson, B. S., *Ext. Farm For. and Hort.*

Veterinary Science and Bacteriology:

*†A. M. Lee, D. V. M., M. S., *Prof. and Chair. of Dept.; Res. Path.*
*†Wayne Morehouse, *Tech.* (*Coop. U. S. D. A.*).
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Zoology:

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[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy and economics (agr.), animal production, etc.

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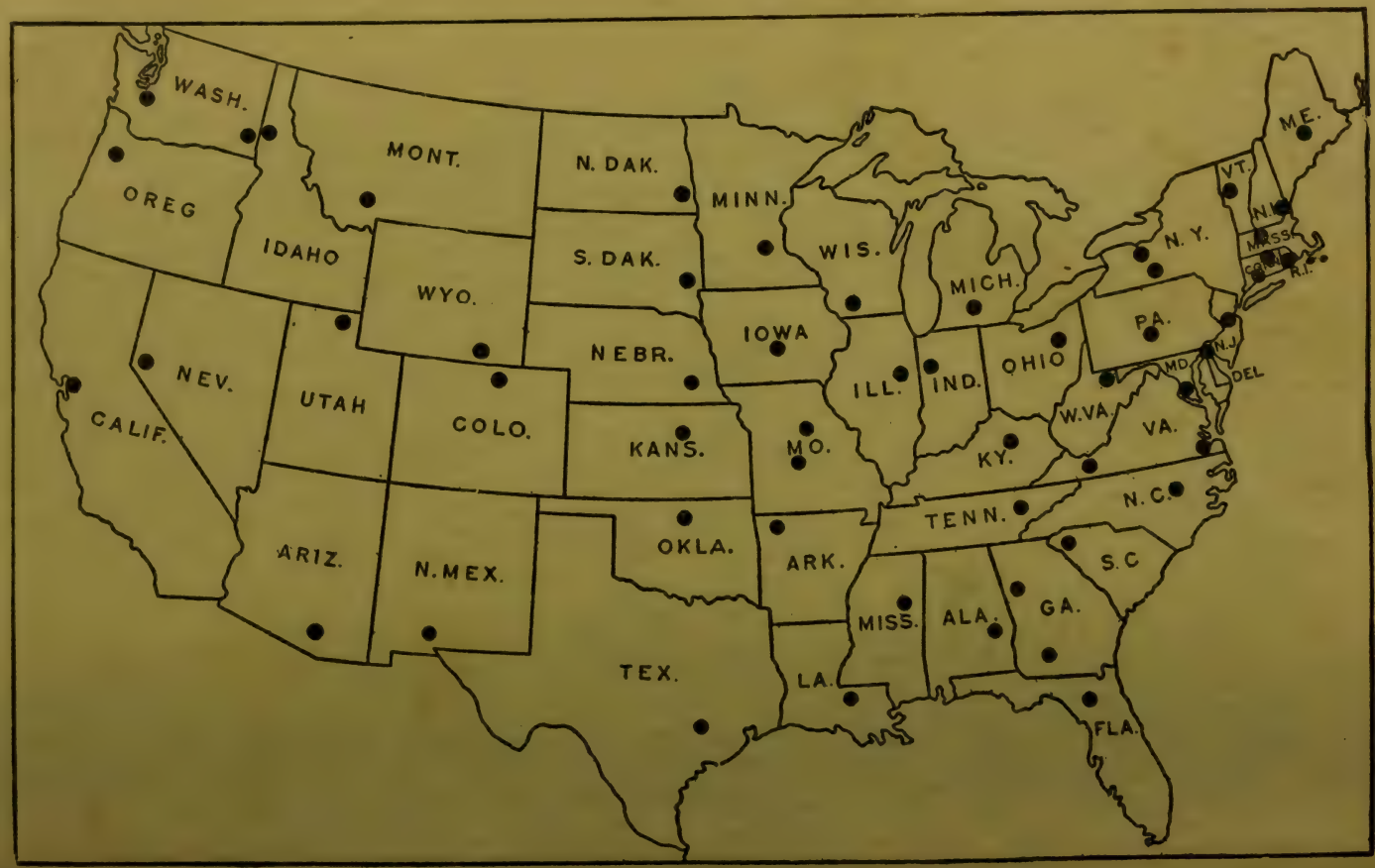

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UNITED STATES
DEPARTMENT OF AGRICULTURE
Miscellaneous Publication No. 535

Washington, D. C. April, 1944

WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN LAND-GRANT COLLEGES AND EXPERIMENT STATIONS

1943–44

AGRICULTURAL RESEARCH ADMINISTRATION
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TITLES AND SERIES OF PUBLICATION SINCE THE FIRST ISSUE IN 1889

Organization of the Agricultural Experiment Stations in the United States. 1889. (Published as U. S. Dept. Agr., Off. Expt. Stas. Bul. 1.)

Organization Lists of the Agricultural Experiment Stations, and Agricultural Schools and Colleges in the United States. 1890. (U. S. Dept. Agr., Off. Expt. Stas. Bul. 5.)

Organization Lists of the Agricultural Experiment Stations in the United States. 1891. (U. S. Dept. Agr., Off. Expt. Stas. Circ. 20.)

Organization Lists of the Agricultural Experiment Stations and Agricultural Schools and Colleges. 1892, 1893, 1894. (U. S. Dept. Agr., Off. Expt. Stas. Buls. 12, 13, 19.)

Organization Lists of the Agricultural Experiment Stations and Institutions with Courses in Agriculture in the United States. 1895, 1896, 1897, 1898. (U. S. Dept. Agr., Off. Expt. Stas. Buls. 23, 27, 39, 47.)

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Superseded by List of Workers in Subjects Pertaining to Agriculture and Home Economics in the U. S. Department of Agriculture and the State Agricultural Colleges and Experiment Stations. (Unnumbered series running through 1921–22.)

1914. The 1913 edition corrected to June 1914.
1915. Corrected to August 1, 1915.
1916. None published—corrections brought to January 1917.

List of Workers in Subjects Pertaining to Agriculture and Home Economics. Part 1. United States Department of Agriculture, Part 2. State Agricultural Colleges and Experiment Stations.

1917–18.
1918–19. ["Marketing" added to title for this issue only.]
1919–20. Not published.
1920–21.
1921–22.
1922–23. Issued as Misc. Circ. 4 (pt. 1 not published).
1923–24. Issued as Misc. Circ. 17 (pt. 1 not published).

Title changed to "List of Workers in Subjects Pertaining to Agriculture in State Agricultural Colleges and Experiment Stations," 1924–25. Misc. Cir. 34.

Workers in Subjects Pertaining to Agriculture in State Agricultural Colleges and Experiment Stations.

1925–26. Misc. Circ. 58.
1926–27. Misc. Circ. 87.
1927–28. Misc. Pub. 12.
1928–29. Misc. Pub. 43.
1929–30. Misc. Pub. 67.
1930–31. Misc. Pub. 100.
1931–32. Misc. Pub. 134.
1932–33. Misc. Pub. 154.
1933–34. Misc. Pub. 180.
1934–35. Misc. Pub. 214.
1935–36. Misc. Pub. 234.

Workers in Subjects Pertaining to Agriculture in Land-Grant Colleges and Experiment Stations.

1936–37. Misc. Pub. 254.
1937–38. Misc. Pub. 299.
1938–39. Misc. Pub. 335.
1939–40. Misc. Pub. 378.
1940–41. Misc. Pub. 420.
1941–42. Misc. Pub. 480.
1942–43. Misc. Pub. 510.
1943–44. Misc. Pub. 535.

UNITED STATES
DEPARTMENT OF AGRICULTURE
Miscellaneous Publication No. 535

Washington, D. C. April, 1944

WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN LAND-GRANT COLLEGES AND EXPERIMENT STATIONS

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1943-44

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KEY TO ABBREVIATIONS

Acct., Accountant, Accounts.
Actg., Acting.
Admin., Administration, Administrative.
Agr., Agriculture, Agriculturist, Agricultural.
Agron., Agronomy, Agronomist.
Agt., Agent.
An., Animal.
Anal., Analytical, Analysis.
Anat., Anatomy.
Arch., Architect, Architecture, Architectural.
Assoc., Associate, Association.
Asst., Assistant.
Bact., Bacteriology, Bacteriologist.
Biochem., Biochemist, Biochemistry, Biochemical.
Biol., Biology, Biologist, Biological.
Bldg., Building(s).
Bot., Botany, Botanist, Botanical.
Brdg., Breeding.
Bul., Bulletin.
Chair., Chairman.
Chem., Chemistry, Chemist, Chemical.
Climat., Climatology, Climatologist.
Coll., College.
Collab., Collaborator, Collaborating.
Comn., Commission.
Comp., Comparative.
Comr., Commissioner.
Conserv., Conservation, Conservationist.
Consult., Consulting, Consultant.
Coop., Cooperation, Cooperative, Cooperator.
Corresp., Correspondence, Correspondent.
Dem., Demonstration, Demonstrator.
Dept., Department.
Dir., Director.
Dist., District.
Div., Division.
Dom., Domestic.
Ecol., Ecology, Ecologist, Ecological.
Econ., Economy, Economic(s), Economist.
Ed., Education, Educational.
Engin., Engineer, Engineering.
Ent., Entomology, Entomologist, Entomological.
Equip., Equipment.
Erad., Eradication.
Exec., Executive.
Expt., Experiment, Experimental, Experimentalist.
Ext., Extension.
Fert., Fertility, Fertilizer.
Flor., Floriculture, Floriculturist, Floricultural.
For., Forestry, Forester.
Gard., Gardening, Gardener.
Gen., General.
Geog., Geography.
Geol., Geology, Geologist, Geological.
Grad., Graduate.
Histol., Histology, Histologist.
Hon., Honorary.
Hort., Horticulture, Horticulturist, Horticultural.
Husb., Husbandry, Husbandryman.
Hyg., Hygiene.
Illus., Illustration, Illustrative.
Indus., Industry, Industrial, Industries.
Inorg., Inorganic.
Insp., Inspection, Inspector.
Instr., Instructor, Instruction.
Insts., Institutes.
Invest., Investigations, Investigational, Investigator.
Irrig., Irrigation, Irrigationist.
Lab., Laboratory.
Landsc., Landscape.
Lect., Lecturer.
Libr., Library, Librarian.
Mach., Machine, Machinery.
Mech., Mechanics, Mechanical.
Med., Medicine, Medical.
Met., Meteorology, Meteorologist.
Mfg., Manufacturing.
Mfrs., Manufactures.
Mgr., Manager.
Mgt., Management.
Microbiol., Microbiology, Microbiologist.
Mktg., Marketing.
Morphol., Morphology, Morphologist.
Mycol., Mycology, Mycologist.
Nutr., Nutrition, Nutritionist.
Olcr., Olericulture, Olericulturist.
Org., Organic.
Organ., Organization(s).
Ornith., Ornithology, Ornithologist.
Parasit., Parasitology, Parasitologist.
Path., Pathology, Pathologist, Pathological.
Pedag., Pedagogy, Pedagogics.
Pharm., Pharmacy, Pharmacist, Pharmaceutical.
Pharmacol., Pharmacology, Pharmacologist.
Photog., Photography, Photographer.
Phys., Physics, Physical.
Physiol., Physiology, Physiologist, Physiological.
Phytopath., Phytopathology, Phytopathologist, Phytopathological.
P. O., Post Office.
Pomol., Pomology, Pomologist, Pomological.
Pract., Practice, Practical.
Prep., Preparatory.
Pres., President.
Prin., Principal.
Prod., Production.
Prof., Professor.
Pubs., Publications.
Res., Research.
Sci., Science, Scientist, Scientific.
Sect., Section.
Secon., Secondary.
Secy., Secretary.
Sociol., Sociology, Sociologist.
Spec., Special, Specialist.
Sta., Station.
Stat., Statistics, Statistical, Statistician.
Subsect., Subsection.
Substa., Substation.
Supt., Superintendent.
Supvr., Supervisor.
Surg., Surgery.
Tech., Technical, Technician.
Technol., Technology, Technologist.
Treas., Treasurer.
Trop., Tropical.
Univ., University.
Veg., Vegetable, Vegetation.
Vet., Veterinary, Veterinarian.
Vit., Viticulture, Viticulturist, Viticultural.
Voc., Vocational.
Zool., Zoology, Zoologist, Zoological.

PREFACE

The following explanations apply throughout the publication:

Subject-matter workers in extension are generally shown under the respective department or division of the college.

Certain institutions use the academic title for experiment station workers as well as for personnel engaged solely as teachers.

The figure 1 immediately following the name of a worker indicates leave of absence for service with the armed forces. The figure 2 indicates other leave.

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Brock, J. L., 95b.
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Brooks, Mrs. C. P., 107b.
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Brown, B. L., 110b.
Brown, C. A., 42a.
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Brown, Clara, M., 56a.
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Brown, E. E., 101b.
Brown, Mrs. E. F., 33b.
Brown, E. M., 60b.
Brown, E. S., 100b.
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Walster, H. L., 78a.
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Walters, J. C., 20b.
Walters, L. E., 42a.
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Walton, R. R., 85a.
Walton, T. O., III.
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Wampole, J. H., 57b.
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Ward, Mrs. M. G., 26a.
Ward, W. B., 29b.
Ware, Mrs. G. B., 85b.
Ware, G. W., 6b.
Ware, H. G., 86b.
Ware, L. M., 2a.
Ware, R. E., 96b.
Wareham, R. T., 80a.
Waring, Mrs. E. B., 73b.
Waring, H. W., 47b.
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Wark, A. C., 67a.
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Warner, Mrs. L. A., 100a.
Warner, T. S., 32a.
Warren, D. C., 38b.
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Warren, R. M., 50b.
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Washington, Mrs. S. G., 86b.
Washington, W. H., 95b.
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Weakly, H. E., 65b.
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Wilson, C. E., 81b.
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Wilson, L., 105a.
Wilson, M. L., III.
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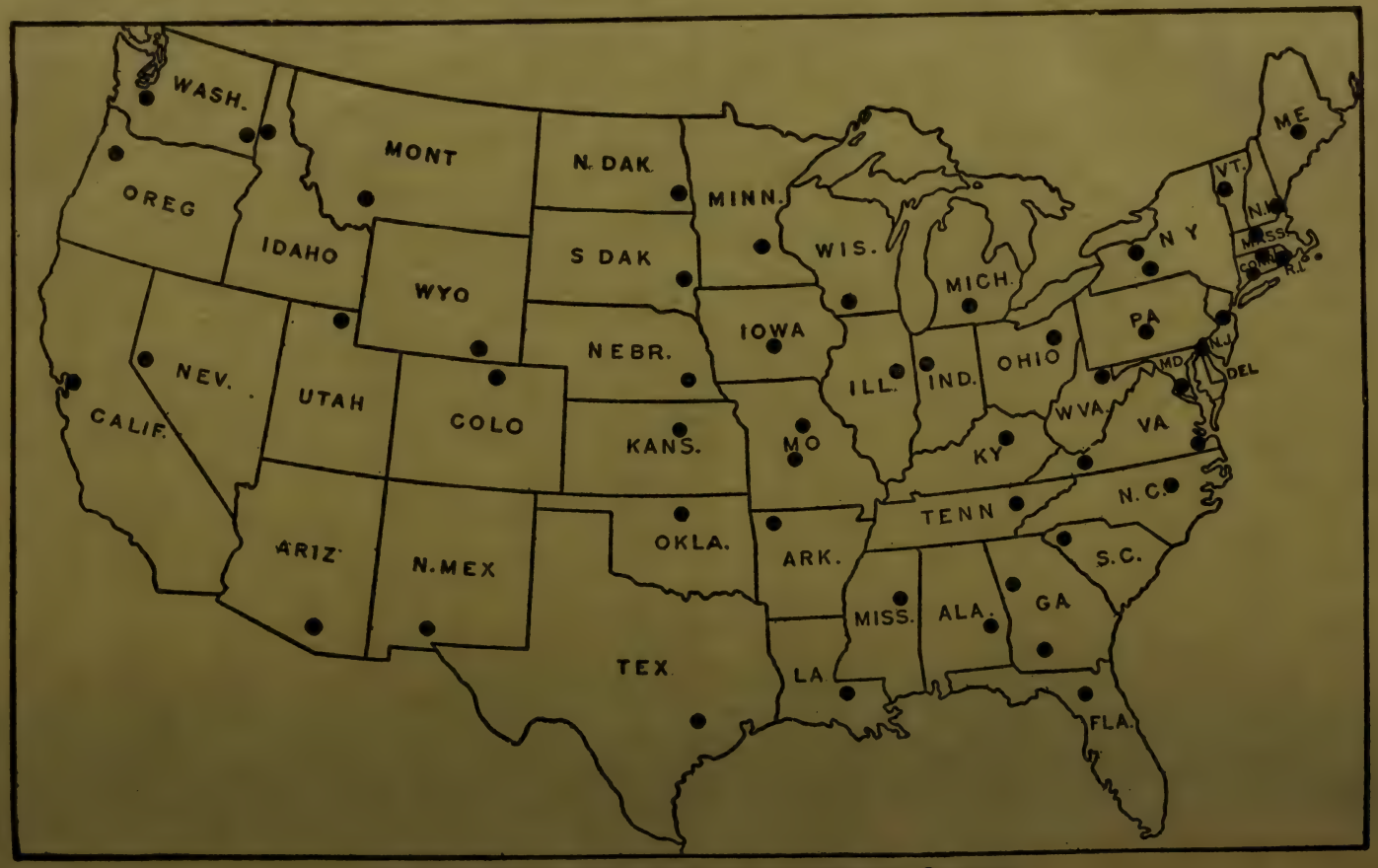

HEADQUARTERS OF STATE AGRICULTURAL EXPERIMENT STATIONS

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UNITED STATES
DEPARTMENT OF AGRICULTURE
Miscellaneous Publication No. 556

Washington, D. C. May 1945

WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN LAND-GRANT COLLEGES AND EXPERIMENT STATIONS

1944–45

AGRICULTURAL RESEARCH ADMINISTRATION
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TITLES AND SERIES OF PUBLICATION SINCE THE FIRST ISSUE IN 1889

Organization of the Agricultural Experiment Stations in the United States. 1889. (Published as U. S. Dept. Agr., Off. Expt. Stas. Bul. 1.)

Organization Lists of the Agricultural Experiment Stations, and Agricultural Schools and Colleges in the United States. 1890. (U. S. Dept. Agr., Off. Expt. Stas. Bul. 5.)

Organization Lists of the Agricultural Experiment Stations in the United States. 1891. (U. S. Dept. Agr., Off. Expt. Stas. Circ. 20.)

Organization Lists of the Agricultural Experiment Stations and Agricultural Schools and Colleges. 1892, 1893, 1894. (U. S. Dept. Agr., Off. Expt. Stas. Buls. 12, 13, 19.)

Organization Lists of the Agricultural Experiment Stations and Institutions with Courses in Agriculture in the United States. 1895, 1896, 1897, 1898. (U. S. Dept. Agr., Off. Expt. Stas. Buls. 23, 27, 39, 47.)

Organization Lists of the Agricultural Colleges and Experiment Stations in the United States, with a List of Agricultural Experiment Stations in Foreign Countries. 1899, 1900, 1901, 1902. (U. S. Dept. Agr., Off. Expt. Stas. Buls. 59, 74, 88, 111.)

Organization Lists of the Agricultural Colleges and Experiment Stations in the United States. 1903 to 1912, inclusive. (U. S. Dept. Agr., Off. Expt. Stas. Buls. 122, 137, 151, 161, 176, 197, 206, 224, 233, 247, 253.)

Superseded by List of Workers in Subjects Pertaining to Agriculture and Home Economics in the U. S. Department of Agriculture and the State Agricultural Colleges and Experiment Stations. (Unnumbered series running through 1921–22.)

1914. The 1913 edition corrected to June 1914.
1915. Corrected to August 1, 1915.
1916. None published—corrections brought to January 1917

List of Workers in Subjects Pertaining to Agriculture and Home Economics. Part 1. United States Department of Agriculture, Part 2. State Agricultural Colleges and Experiment Stations.

1917–18.
1918–19. ["Marketing" added to title for this issue only.]
1919–20. Not published.
1920–21.
1921–22.
1922–23. Issued as Misc. Circ. 4 (pt. 1 not published).
1923–24. Issued as Misc. Circ. 17 (pt. 1 not published).

Title changed to "List of Workers in Subjects Pertaining to Agriculture in State Agricultural Colleges and Experiment Stations," 1924–25. Misc. Cir. 34.

Workers in Subjects Pertaining to Agriculture in State Agricultural Colleges and Experiment Stations.

1925–26. Misc. Circ. 58.
1926–27. Misc. Circ. 87.
1927–28. Misc. Pub. 12.
1928–29. Misc. Pub. 43.
1929–30. Misc. Pub. 67.
1930–31. Misc. Pub. 100.
1931–32. Misc. Pub. 134.
1932–33. Misc. Pub. 154.
1933–34. Misc. Pub. 180.
1934–35. Misc. Pub. 214.
1935–36. Misc. Pub. 234.

Workers in Subjects Pertaining to Agriculture in Land-Grant Colleges and Experiment Stations.

1936–37. Misc. Pub. 254.
1937–38. Misc. Pub. 299.
1938–39. Misc. Pub. 335.
1939–40. Misc. Pub. 378.
1940–41. Misc. Pub. 420.
1941–42. Misc. Pub. 480.
1942–43. Misc. Pub. 510.
1943–44. Misc. Pub. 535.
1944–45. Misc. Pub. 556.

UNITED STATES
DEPARTMENT OF AGRICULTURE
Miscellaneous Publication No. 556

Washington, D. C. May 1945

WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN LAND-GRANT COLLEGES AND EXPERIMENT STATIONS

✦

1944-45

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By BETTY T. RICHARDSON
Office of Experiment Stations

UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON : 1945

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Price 25 cents

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KEY TO ABBREVIATIONS

Acct., Accountant, Accounts.
Actg., Acting.
Admin., Administration, Administrative.
Agr., Agriculture, Agriculturist, Agricultural.
Agron., Agronomy, Agronomist.
Agt., Agent.
An., Animal.
Anal., Analytical, Analysis.
Anat., Anatomy.
Arch., Architect, Architecture, Architectural.
Assoc., Associate, Association.
Asst., Assistant.
Bact., Bacteriology, Bacteriologist.
Biochem., Biochemist, Biochemistry, Biochemical.
Biol., Biology, Biologist, Biological.
Bldg., Building(s).
Bot., Botany, Botanist, Botanical.
Brdg., Breeding.
Bul., Bulletin.
Chair., Chairman.
Chem., Chemistry, Chemist, Chemical.
Climat., Climatology, Climatologist.
Coll., College.
Collab., Collaborator, Collaborating.
Comn., Commission.
Comp., Comparative.
Comr., Commissioner.
Conserv., Conservation, Conservationist.
Consult., Consulting, Consultant.
Coop., Cooperation, Cooperative, Cooperator.
Corresp., Correspondence, Correspondent.
Dem., Demonstration, Demonstrator.
Dept., Department.
Dir., Director.
Dist., District.
Div., Division.
Dom., Domestic.
Ecol., Ecology, Ecologist, Ecological.
Econ., Economy, Economic(s), Economist.
Ed., Education, Educational.
Engin., Engineer, Engineering.
Ent., Entomology, Entomologist, Entomological.
Equip., Equipment.
Erad., Eradication.
Exec., Executive.
Expt., Experiment, Experimental, Experimentalist.
Ext., Extension.
Fert., Fertility, Fertilizer.
Flor., Floriculture, Floriculturist, Floricultural.
For., Forestry, Forester.
Gard., Gardening, Gardener.
Gen., General.
Geog., Geography.
Geol., Geology, Geologist, Geological.
Grad., Graduate.
Histol., Histology, Histologist.
Hon., Honorary.
Hort., Horticulture, Horticulturist, Horticultural.
Husb., Husbandry, Husbandman.
Hyg., Hygiene.
Illus., Illustration, Illustrative.
Indus., Industry, Industrial, Industries.
Inorg., Inorganic.
Insp., Inspection, Inspector.
Instr., Instructor, Instruction.
Insts., Institutes.
Invest., Investigations, Investigational, Investigator.
Irrig., Irrigation, Irrigationist.
Lab., Laboratory.
Landsc., Landscape.
Lect., Lecturer.
Libr., Library, Librarian.
Mach., Machine, Machinery.
Mech., Mechanics, Mechanical.
Med., Medicine, Medical.
Met., Meteorology, Meteorologist.
Mfg., Manufacturing.
Mfrs., Manufactures.
Mgr., Manager.
Mgt., Management.
Microbiol., Microbiology, Microbiologist.
Mktg., Marketing.
Morphol., Morphology, Morphologist.
Mycol., Mycology, Mycologist.
Nutr., Nutrition, Nutritionist.
Oler., Olericulture, Olericulturist.
Org., Organic.
Organ., Organization(s).
Ornith., Ornithology, Ornithologist.
Parasit., Parasitology, Parasitologist.
Path., Pathology, Pathologist, Pathological.
Pedag., Pedagogy, Pedagogics.
Pharm., Pharmacy, Pharmacist, Pharmaceutical.
Pharmacol., Pharmacology, Pharmacologist.
Photog., Photography, Photographer.
Phys., Physics, Physical.
Physiol., Physiology, Physiologist, Physiological.
Phytopath., Phytopathology, Phytopathologist, Phytopathological.
P. O., Post Office.
Pomol., Pomology, Pomologist, Pomological.
Pract., Practice, Practical.
Prep., Preparatory.
Pres., President.
Prin., Principal.
Prod., Production.
Prof., Professor.
Pubs., Publications.
Res., Research.
Sci., Science, Scientist, Scientific.
Sect., Section.
Secon., Secondary.
Secy., Secretary.
Sociol., Sociology, Sociologist.
Spec., Special, Specialist.
Sta., Station.
Stat., Statistics, Statistical, Statistician.
Subsect., Subsection.
Substa., Substation.
Supt., Superintendent.
Supvr., Supervisor.
Surg., Surgery.
Tech., Technical, Technician.
Technol., Technology, Technologist.
Treas., Treasurer.
Trop., Tropical.
Univ., University.
Veg., Vegetable, Vegetation.
Vet., Veterinary, Veterinarian.
Vit., Viticulture, Viticulturist, Viticultural.
Voc., Vocational.
Zool., Zoology, Zoologist, Zoological.

PREFACE

The following explanations apply throughout the publication:

Subject-matter workers in extension are generally shown under the respective department or division of the college.

Certain institutions use the academic title for experiment station workers as well as for personnel engaged solely as teachers.

The figure 1 immediately following the name of a worker indicates leave of absence for service with the armed forces. The figure 2 indicates other leave.

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Vessel, A. J., 30a.
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Veve, J. E., 91b.
Vial, J. M., 44a.
Vicente, Mrs. G. C., II.
Vickery, H. B., 14a.
Viehmeyer, G., 63b.
Vierheller, A. F., 45b.
Vieth, E. L., 30b.
Viets, F. G., 95b.
Vifquain, R. M., 34b.
Vinal, W. G., 47a.
Vincent, C. L., 109a.
Vining, L. C., 27a.
Vinson, C. G., 59b.
Vittum, M. T., 26a.
Vizcarrondo, R. A., 91b.
Vogel, B. K., 28b.
Vogel, G. F., 76a.
Vogel, M. A., 81b.
Vogel, O. A., 107b.
Volk, G. M., 17a.
Volk, G. W., 81a.
Volk, N. J., 26a.
Vollmer, B. V., 49b.
Volman, D. H., 9a.
Volz, E. C., 33a.
Vondell, J. H., 48b.
von Roeder, R. J., Jr., 99b.
Voorhies, E. C., 6b.
Vorhies, C. T., 4a.
Voris, A. L., 88a.
Vossbrink, M. W., 49b.

Wachs, Mrs. E., 38b.
Wachter, H. L., 82b.
Waddell, Mrs. E., 55a.
Wadleigh, C. B., 65a.
Wadsworth, H. A., 21b.
Wadsworth, S. E., 109a.
Wagar, J. V. K., 12a.
Wagers, R. P., 37b.
Wagner, K. M., 37a.
Wagner, R. E., 38b.
Wagnon, K. A., 8b.
Wagoner, C. E., 35b.
Wagoner, J. A., 35b.
Wahl, H. A., 88a.
Waite, H., 113b.
Waite, W. C., 53b.
Wakeley, R. E., 31a.
Wakeman, T. J., 106a.
Waksman, S. A., 67a.
Walbert, E. D., 51a.
Waldee, E. L., 30b.
Walden, B. H., 14a.
Walden, D. C., 14a.
Waldo, G. F., 85b.
Waldron, C. B., 79b.
Waldron, L. R., 77a.
Walker, Mrs. A. D., 96a.
Walker, A. H., 4a.
Walker, C. (Ill.), 25b.
Walker, C. (Oreg.), 86a.
Walker, Mrs. D. D., 94b.
Walker, E. A., 44b.
Walker, E. D., 23a.
Walker, F. M., 96a.
Walker, G. P., 26a.
Walker, H. B., 9a.
Walker, H. G., 107b.
Walker, J. C., 113b.
Walker, J. E., 6b.
Walker, J. J., 96a.
Walker, J. R., 24b.
Walker, K. C., 108a.
Walker, L. S., 104b.
Walker, N. E., 12a.
Walker, O. F., 50a.
Walker, R. H., 103a.
Walker, R. K., 40a.
Walker, W. H., 100a.
Walker, W. P., 45a.
Walkey, F. L., 29b.
Wall, R. F., 83a.
Wallace, B. A., 79a.
Wallace, D. B. Johnstone-, 69a.
Wallace, E. T., 27a.
Wallace, G. J., 52b.
Wallace, J. J., 31b.
Wallace, J. M., 10b.
Wallace, M. E., 106b.
Wallace, R. W., 17b.
Wallace, W. J. L., 111b.
Wallen, S. C., 82b.
Wallenfeldt, E., 112b.
Waller, A. E., 79a.
Waller, A. G., 66a.
Waller, E. F., 65b.
Waller, J. A., Jr 106b.
Wallihan, E. F., 71a.
Walls, E. E., 25b.
Walls, E. P., 45b.
Walls, H. R., 46b.
Walls, J. G., 98a.
Walrath, F. J., 97b.
Walsh, L. E., 24b.
Walster, H. L., 77a.
Walter, L. E., 115a.
Walter, W. G., 60a.
Walters, A., 38a.
Walters, C. S., 24b.
Walters, J. C., 20b.
Walters, L. E., 46a.
Waltman, C. S., 39b.
Walton, G. S., 115a.
Walton, R. R., 83b.
Waltz, R. S., 7b.
Wampole, J. H., 55b.
Wander, I. W., 82a.
Wanlass, W. L., 103b.
Wann, F. B., 103a.
Wantrup, S. von Ciriacy-, 6a.
Waples, E. O., 27a.
Warburton, C. W., IV.
Ward, A. H., 94a.
Ward, G. H., 106a.
Ward, G. J., 25b.
Ward, H. M., 72a.
Ward, J. M., 100a.
Ward, J. W., 57b.
Ward, L. M., 95b.
Ward. Mrs. M. G., 25b.
Ward, W. B., 28b.
Ware, Mrs. G. B., 84a.
Ware, G. W., 6b.
Ware, H. G., 84b.
Ware, L. M., 2a.
Ware, R. E., 94b.
Wareham, R. T., 79a.
Waring, Mrs. E. B., 72a.
Waring, J. H., 44a.
Wark, A. C., 66a.
Wark, C. H., 67a.
Warner, Mrs. E., 55a.
Warner, E. A., 82b.
Warner, E. D., 36a.
Warner, E. N., 80b.
Warner, G. C., 99a.
Warner, H. H., 20a, 21a.
Warner, J. D., 17b.
Warner, Mrs. L. A., 98b.
Warner, T. S., 31a.
Warren, D. C., 37b.
Warren, E. P., 18a.
Warren, J., 7b.
Warren, S. I., 24a.
Warren, S. W., 70a.
Warrington, A. C., 111b.
Warters, V. N., 73b.
Warttman, P., 56a.
Warwick, B. L., 99b.
Warwick, E. J., 108a.
Wascher, H. L., 23a.
Washburn, L. E., 11a.
Washburn, R. G., 81b.
Washington, Mrs. E. M., 84b.
Washington, Mrs. S. G., 84b.
Washington, W. H., 94a.
Washko, J. B., 96b.
Wasmuth, G., 110b.
Wasser, C. H., 12b.
Wasson, M., 5a.
Wasson, R. A., 40a.
Waterhouse, W. G., 7a.
Waterman, H. C., II.
Waters, H. A., 80b.
Waters, R. E., 56b.
Watkins, D. W., 93a, 94a.
Watkins, T. C., 70b.
Watkins, W. E., 68a.
Watrous, G. H., 88b.
Watson, A. E., 43b.
Watson, C. G., 96b.
Watson, C. M., 84a.
Watson, E. S., 94b.
Watson, I., 68a.
Watson, J. D., 107b.
Watson, J. R., 16b.
Watson, L. P., 75b.
Watson, L. S., 18b.
Watson, R. D., 102b.
Watson, T. G., 78a.
Watson, W. L., 107b.
Watt, A. L., 77a.
Watts, A. V., 107b.
Watts, Mrs. B. M., 109a.
Watts, C. R., 51b.
Watts, J. G., 94b.
Watts, L. F., IV.
Watts, N., 79b.
Watts, V. M., 6a.
Waugh, A. H., 33a.
Waugh, R. K., 27a.
Waughtal, L., 60b.
Way, Mrs. A. M., 89b.
Wayne, C. P., 68a.
Weakley, C. E., Jr., 110a.
Weakley, L., 98b.
Weakly, H. E., 63b.
Wear, W. C., Jr., 1b.
Weaver, B. L., 25b.
Weaver, D. S., 75b.
Weaver, E., 49a.
Weaver, J. E., 62a.
Weaver, J. G., 76a.
Weaver, L. A., 58a.
Weaver, L. E., 73a.
Weaver, L. O., 88a.
Weaver, M., 21a.
Weaver, R. A., 26a.
Weaver, R. C., 31a.
Weaver, V. H., 25b.
Webb, E. M., 108b.
Webb, H. J., 93b.
Webb, J. W., 3a.
Webb, K., 55b.
Webb, L., 50a.
Webb, R. J., 25b.
Webber, P. R., Jr., 95b.
Weber, A. D., 35a.
Weber, C. R., 30a.
Weber, G. F.. 16a, b.
Webster, D. A., 70b.

Webster, G. E., 105a.
Webster, G. T., 62a.
Webster, J. E., 83a.
Webster, O. J., 62a.
Webster, R. L., 109b.
Webster, V. S., 95b.
Weckel, K. G., 112b.
Weddell, D. J., 18b.
Weddington, D. L., 100b.
Weeks, D., 6b.
Weeks, J. M., 56a.
Weeks, M. E., 38a.
Weems, C., 20b.
Wegner, E. E., 109b.
Wehling, H. E., 63b.
Wehrle, L. P., 4a.
Weibel, R. O., 23a.
Weidemann, A. G., 52a.
Weidenbach, W. H., 3a.
Weier, T. E., 8b.
Weihing, R. M., 11a.
Weil, J., III.
Weimer, J. L., 19a.
Weinard, F. F., 25b.
Weindling, R., 93a.
Weinke, O. A., 100a.
Weinman, C. J., 24b.
Weinstein, Y., 54b.
Weir, T. S., 55a.
Weir, W. W., 8a.
Weis, A. E., 59a.
Weiss, J. N., 24b.
Weiss, M., 30a.
Welch, D. S., 72b.
Welch, E. G., 39a.
Welch, F. J., 56b.
Welch, H., 61b.
Welch, R. R., 88b.
Weldon, K., 18b.
Weldon, M. D., 62a.
Weldon, M. M., 39a.
Welles, W. S., 47a.
Wellhausen, H. W., 96b.
Wellhouse, W. H., 34b.
Wellington, H. A., 51a.
Wellington, J. W., II.
Wellington, R., 73b.
Wellman, H. R., IV, 6a.
Wells, Mrs. B. O., 44a.
Wells, B. W., 75a.
Wells, D. G., 108a.
Wells, J. D., 81b.
Wells, J. G., Jr., 50a, 52b.
Welton, F. A., 81a.
Wentz, Mrs. E., 78b.
Werner, G. M., 112a.
Werner, H. O., 63b.
Werner, J. J., 88a.
Werner, W., 29a.
Wernham, C. C., 88a.
Wert, J. E., 31b.
Wertz, Mrs. A. W., 47b.
Wertz, V. R., 79a.
Wessel, A., 54b.
Wessels, J. W., 45a.
Wessels, P. H., 72b.
West, Mrs. B. B., 36b.
West, E., 16a.
West, E. M., 41a.
West, J. L., 102a.
Westbrook, E. C., 18a.
Westbrook, L. C., 18b.
Westcott, G. W., 47a.
Wester, K., 31a.
Westerfield, C., 38b.
Westerman, B. D., 37a.
Westgate, M. E., 89b.
Westgate, P. J., 17b.
Westover, K. C., 111a.
Westveld, R. H., 16b.
Wetzsteon, Mrs. M., 72a.
Whaley, G. C., 92b.
Whalin, O. L., 24b.
Whalley, J. M., 11a.
Wharton, M. A., 51a.
Whatley, J. A., Jr., 82b.
Wheeler, B. E., 39b.
Wheeler, C. D., 19a.
Wheeler, E. H., 73b.
Wheeler, E. J., 50a.
Wheeler, G. J., 17b.
Wheeler, J. T., 18a.
Wheeler, R. H., 68a.
Wheeler, S. S., 114b.
Wheeting, L. C., 108a.
Whelton, R. E., 7b.
Whetten, N. L., 14b.
Whisenhunt, W. M., 76b.
Whisnant, M. N., 2a.
Whitacre, J. O., 101a.
Whitacre, W. R., 88b.
Whitaker, J. T., 3b.
Whitcomb, L. R., 15b.
Whitcomb, W., Jr., 42b.
Whitcomb, W. D., 47a.
Whitcombe, J. E., 73a.
White, A. E., 84a.
White, A. F., 6b.
White, C., 83b.
White, C. H., 43a.
White, Mrs. C. K., 44a.
White, Mrs. C. O., 50a.
White, D. G., II.
White, H. A., 75a.
White, H. B., 54a.
White, H. D., 18b.
White, H. E., 48a.
White, H. H. (Kans.), 34a.
White, H. H. (Oreg.), 85b.
White, H. M., 61a.
White, Mrs. H. M., 39a.
White, J. C., 69b.
White, J. M., 83a.
White, J. W. (Ark.), 6b.
White, J. W. (Pa.), 87a.
White, M. E., 108b.
White, M. N., 104a.
White, N., 110b.
White, R. C., 75a.
White, T. A., 94a.
White, V. B., 28b.
White, W. E., 89a.
White, W. H., 46b.
White, W. R., 89a.
White-Stevens, R. H., 72b.
Whiteford, G. H., 11a.
Whitehair, C. K., 114b.
Whitehead, E. I., 95b.
Whitehead, F. E. (La.), 42a.
Whitehead, F. E. (Okla.), 83b.
Whitehouse, J. W., 39a.
Whitehurst, V. E., Jr., 17b.
Whiteside, E. P., 23a.
Whitfield, C. J., 99a.
Whitfield, E. E., 55a.
Whitfield, W. R., 30b.
Whitford, L. A., 75a.
Whitlock, G. P., 31a.
Whitlock, M. C., 25b.
Whitlow, N. A., 45a.
Whitlow, S., 84b.
Whitman, E. W., 22b.
Whitman, W. C., 77b.
Whitmire, J. S., 25b.
Whitnah, C. H., 35b.
Whitney, R. S., 11a.
Whittaker, M. F., 95a.
Whitten, T. P., 2b.
Whittington, F. B., 45a.
Whittle, W. O., 96b.
Wiant, D. E., 49b.
Wichers, H. E., 37a.
Wickes, H. G., 101a.
Widick, H. L., 51a.
Wiegand, E. H., 85b.
Wiesendanger, D. E., 72a.
Wiggans, C. C., 63b.
Wiggans, R. G., 72b.
Wiggin, G. H., 39b, 40b.
Wiggins, M. C., 37a.
Wightman, E. T., 110a.
Wiidakas, W., 77a.
Wilbanks, W. C., 6b.
Wilbur, D. A., 36a.
Wilbur, J. W., 27a.
Wilcke, H. L., 30a.
Wilcox, A. N., 55a.
Wilcox, E. B., 104a.
Wilcox, R. H., 24a.
Wilcox, R. W., 31b.
Wilcox, W. W., 112b.
Wild, C. W., 90a.
Wilde, E. I., 89b.
Wilde, S. A., 114a.
Wilder, C. D., 10a.
Wilder, C. N., 18a.
Wildon, C. E., 51a.
Wileden, A. F., 114a.
Wileman, R. H., 27b.
Wiley, J. K., 98b.
Wiley, J. R., 26a.
Wiley, W. H., 5a.
Wilford, E. J., 38a.
Wilgus, H. S., Jr., 12a.
Wilhelmi, R. W., 59b.
Wilkens, A. E., 63a.
Wilkerson, M., 72a.
Wilkins, C. O., 48a.

Wilkins, E. S., 34b.
Wilkinson, A. E., 14b.
Wilkinson, C. F., Jr., 106b.
Wilkinson, J. A., 31a.
Willard, A. C., IV, 22a.
Willard, C. J., 78a, 81a.
Willard, H. S., 114b.
Willett, E. L., 20a.
Willey, C. E., 42a.
Willey, L. D., 63a.
Willham, O. S., 82a.
Williamon, P. S., 93b.
Williams, A. B., 95b.
Williams, A. G., 1b.
Williams, C. B., 74b.
Williams, C. F., 76a.
Williams, C. G., 80a.
Williams, C. S., 45b.
Williams, D. E., 98b.
Williams, D. R., 33b.
Williams, D. W., 99a.
Williams, E., 75b.
Williams, E. B., 11a.
Williams, F. A., 43b.
Williams, G. A., 27a.
Williams, I., 97b.
Williams, J., 37a.
Williams, J. C., 103b.
Williams, J. H., 103b.
Williams, J. R., 57a.
Williams, J. S., 104a.
Williams, L. A., 6a.
Williams, L. C., 36a.
Williams, L. F. (Conn.), 13a.
Williams, L. F. (N. C.), 75a.
Williams, L. R., 64a.
Williams, M. J., 49b.
Williams, M. L., 96a.
Williams, M. R., 33a.
Williams, M. W., 2b.
Williams, N. K., 104a.
Williams, N. W., 76a.
Williams, O. C., 95b.
Williams, P. S., 88b.
Williams, R. M., 61b.
Williams, S. A., 94a.
Williams, S. W., 104b.
Williams, Mrs. V. R., 41a.
Williams, W. O., 10a.
Williamson, F., 41b.
Williamson, J. T., 1a.
Williamson, Mrs. L. J., 72a.
Williamson, W. N., 101a.
Willis, A. W., 114a.
Willis, J. W., 56a.
Willis, L. G., 76b.
Willis, R. L., 66a.
Willis, W. H., 40a.
Willison, F. E., 83a.
Willman, H. A., 69b.
Willman, J. P., 69b.
Willoughby, C. H., 16a.
Willoughby, L. E., 34b.
Willoughby, M. E., 28b.
Wills, J. E., 24a.
Willson, F. S., 61b.
Wilmore, H., 39b.
Wilmot, R. J., 17a.
Wilsie, C. P., 30a.
Wilson, A. D., 53b.
Wilson, A. J., 75a.
Wilson, A. M., 96a.
Wilson, C. D., 4b.
Wilson, C. E., 80a.
Wilson, C. P., 35b.
Wilson, C. T., 1b.
Wilson, C. V., 110a.
Wilson, E. E., 9b.
Wilson, E. L., 32b.
Wilson, E. M., 37a.
Wilson, F. O., 6a.
Wilson, F. W., 63a.
Wilson, H. A. (Iowa), 30a.
Wilson, H. A. (Mass.), 48b.
Wilson, H. F., 112b.
Wilson, H. K., 53a.
Wilson, H. M., 71a.
Wilson,I. D., 105b.
Wilson, J., 109a.
Wilson, J. B., 2a.
Wilson, J. D., 81a.
Wilson, J. F., 8b.
Wilson, J. H., 81a.
Wilson, J. K., 69a.
Wilson, J. P., 3b.
Wilson, J. W., 17b.
Wilson, L., 103a.
Wilson, M. C., Jr., 105a.
Wilson, M. L., III.
Wilson, M. M., 87a.
Wilson, N. E., 56b.
Wilson, P. W., 112a.
Wilson, V., 75b.
Wilson, W. C., 39a.
Wilson, W. F., Jr., 42b.
Wilson, W. O., 96b.
Wilson, W. W., 68b.
Wilster, G. H., 85a.
Wilt, H. S., 51b.
Wimbush, T. W., 95b.
Wimer, D. C., 23a.
Winant, H. B., 44a.
Winch, F. E., Jr., 71a.
Winchester, B., 112a.
Winchester, C. F., 58a.
Wing, E. M., 11b.
Wing, L. W., 109b.
Wing, M. W., 76b.
Wingard, S. A., 106a.
Wingert, J. B., 25b.
Wink, Mrs. A. T., 88b.
Winkleblack, I. M., 28a.
Winkler, A. J., 10a.
Winner, E. B., 59b.
Winner, H. A., 22a.
Winsor, A. L., 70a.
Winsor, H. W., 17a.
Winstead, V. P., 56b.
Winter, A. R., 80a.
Winter, E. T., 62b.
Winter, H. F., 81a.
Winter, J. D., 55a.
Winter, Mrs. L. I., 36a.
Winterberg, S. H., 97a.
Winters, E., 96a.
Winters, E. S., 2b.
Winters, H. E., 49a.
Winters, H. F., II.
Winters, L. M., 53a.
Wise, G. H., 35b.
Wiseman, H. M., 4b.
Wiser, W. J., 5a.
Withrow, A. P., 28b.
Witter, J. F., 43a.
Wittwer, E. E., 64a.
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Witz, R. L., 49b.
Witzel, S. A., 112b.
Wolberg, F. B., 108a.
Wolcott, G. M., 91b.
Wolf, W. H., 79a.
Wolfanger, L. A., 52a.
Wolfe, H. S., 17a.
Wolfe, J. N., 79a.
Wolfenbarger, D. O., 15a.
Wolfram, Mrs. L. S., 80a.
Wolterink, L. F., 52b.
Wood, B. B., 48b.
Wood, D. C., 58b.
Wood, G. B., 27b.
Wood, J., 38a.
Wood, J. H., 97a.
Wood, L., 37a.
Wood, L. A., 27b.
Wood, L. K., 86a.
Wood, M., 90b.
Wood, M. A. (Ariz.), 4b.
Wood, M. A. (N. Y.), 72a.
Wood, T. B., 101a.
Wood, T. E., 72a.
Woodard, E. M., 68b.
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Woodcock, E. F., 48b.
Woodhouse, C. A., 102a.
Woodhouse, W. W., Jr., 74b.
Woodin, M. D., 41a.
Woodin, R. J., 79a.
Woodle, H. A., 93a.
Woodmansee, C. W., 15a.
Woodriff, R. A., 60b.
Woodring, F. R., 62a.
Woodroof, J. G., 19b.
Woodroof, Mrs. N. C., 20b.
Woodrow, A. W., 9a.
Woodruff, A. D., 70a.
Woodruff, C. M., 59b.
Woodruff, L. L., 26b.
Woodruff, M. L., 59a.
Woodruff, O., 72a.
Woods, E., 22b.
Woods, M. W., 44b.
Woods, S. R., 97b.
Woodside, A. M., 106a.
Woodside, G. L., 47a.
Woodward, C. R., 92a.
Woodward, R., 61b.
Woodward, R. W., 103a.
Woodworth, C. M., 23a.

Woodworth, H. C., 65a.
Wooldridge, Mrs. M. C., 39b.
Wooley, J. C., 58b.
Woolf, F. P., 2b.
Woolrich, A., 44a.
Word, O. C., 102b.
Worden, P. W., 97b.
Work, P., 72b.
Work, R. A., 87b.
Working, E. J., 24a.
Workman, B., 115b.
Workman, N., 33a.
Worley, O., 98a.
Worrilow, G. M., 15b.
Worsham, W. E., 40a.
Worthen, E. L., 69a.
Worthen, Mrs. R. M., 101a.
Worthley, H. N., 90b.
Worzella, W. W., 95a.
Wray, R., 9b.
Wright, A. H. (N.Y.), 73b.
Wright, A. H. (Wis.), 112a.
Wright, Mrs. C. T., 9a.
Wright, E. C., 43b.
Wright, F. B., 70b.
Wright, F. E., 72a.
Wright, J. W., 28a.
Wright, K. E., 92a.
Wright, K. T., 50a.
Wright, Mrs. N. H., 63a.
Wright, O., 71a.
Wright, R. E., 102b.
Wright, T. R., 1b.
Wright, T. R. H., 95a.
Wright, U. S., 101a.
Wrigley, P. I., 88b.
Wrigley, R. L., 103b.
Wyant, Mrs. Z., 38b.
Wyatt, C. E., 38a.
Wyche, R. H., 102a.
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Wyman, L., 75b.
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Wynder, W. R., 15b.
Wyngarden, H. J., 49a.
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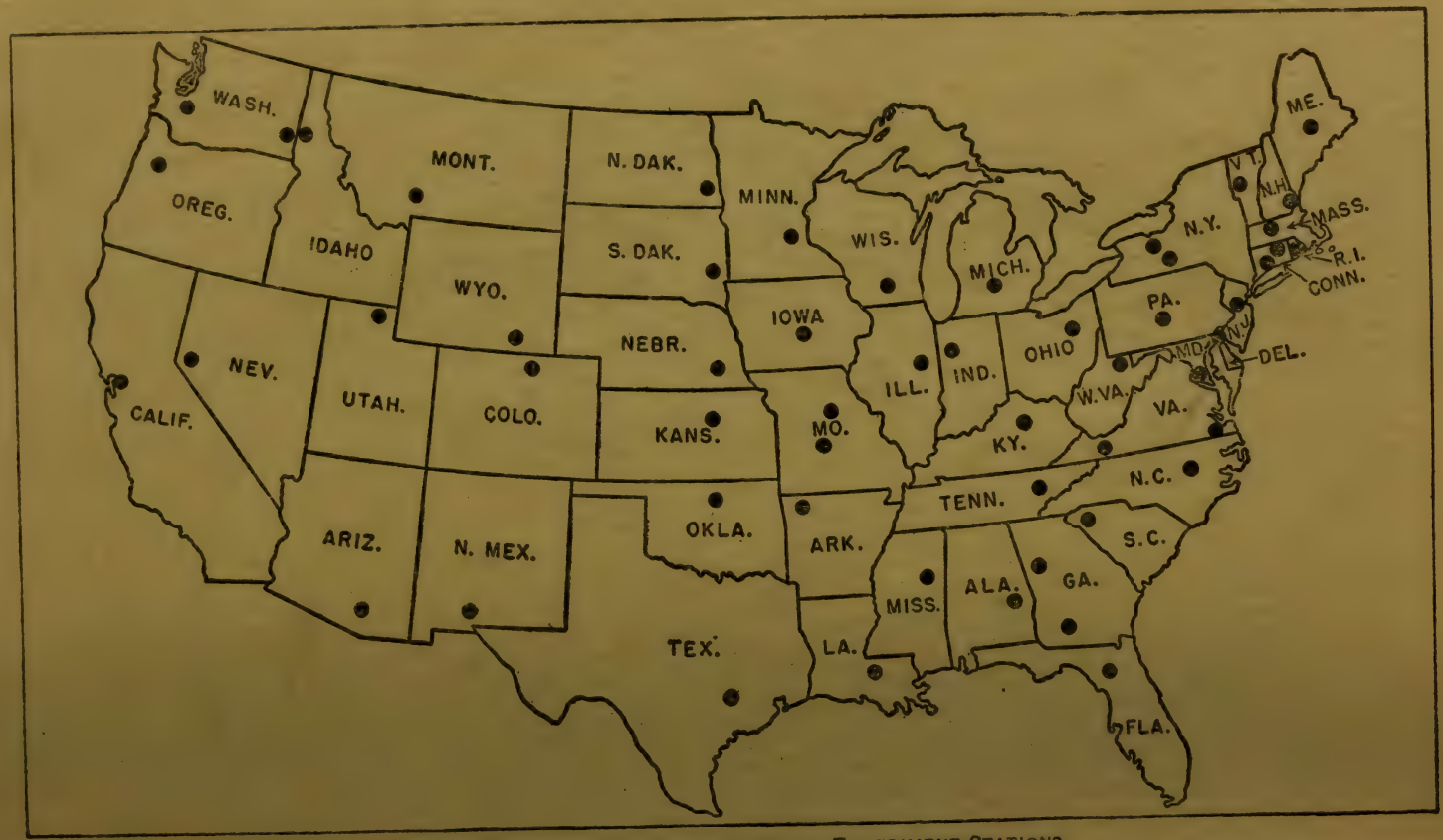

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UNITED STATES
DEPARTMENT OF AGRICULTURE
Miscellaneous Publication No. 603

Washington, D. C. June 1946

WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN LAND-GRANT COLLEGES AND EXPERIMENT STATIONS

1945–46

AGRICULTURAL RESEARCH ADMINISTRATION
OFFICE OF EXPERIMENT STATIONS

TITLES AND SERIES OF PUBLICATION SINCE THE FIRST ISSUE IN 1889

Organization of the Agricultural Experiment Stations in the United States. 1889. (Published as U. S. Dept. Agr., Off. Expt. Stas. Bul. 1.)

Organization Lists of the Agricultural Experiment Stations, and Agricultural Schools and Colleges in the United States. 1890. (U. S. Dept. Agr., Off. Expt. Stas. Bul. 5.)

Organization Lists of the Agricultural Experiment Stations in the United States. 1891. (U. S. Dept. Agr., Off. Expt. Stas. Circ. 20.)

Organization Lists of the Agricultural Experiment Stations and Agricultural Schools and Colleges. 1892, 1893, 1894. (U. S. Dept. Agr., Off. Expt. Stas. Buls. 12, 13, 19.)

Organization Lists of the Agricultural Experiment Stations and Institutions with Courses in Agriculture in the United States. 1895, 1896, 1897, 1898. (U. S. Dept. Agr., Off. Expt. Stas. Buls. 23, 27, 39, 47.)

Organization Lists of the Agricultural Colleges and Experiment Stations in the United States, with a List of Agricultural Experiment Stations in Foreign Countries. 1899, 1900, 1901, 1902. (U. S. Dept. Agr., Off. Expt. Stas. Buls. 59, 74, 88, 111.)

Organization Lists of the Agricultural Colleges and Experiment Stations in the United States. 1903 to 1912, inclusive. (U. S. Dept. Agr., Off. Expt. Stas. Buls. 122, 137, 151, 161, 176, 197, 206, 224, 233, 247, 253.)

Superseded by List of Workers in Subjects Pertaining to Agriculture and Home Economics in the U. S. Department of Agriculture and the State Agricultural Colleges and Experiment Stations. (Unnumbered series running through 1921-22.)

1914. The 1913 edition corrected to June 1914.
1915. Corrected to August 1, 1915.
1916. None published—corrections brought to January 1917.

List of Workers in Subjects Pertaining to Agriculture and Home Economics. Part 1. United States Department of Agriculture, Part 2. State Agricultural Colleges and Experiment Stations.

1917–18.
1918–19. ["Marketing" added to title for this issue only.]
1919–20. Not published.
1920–21.
1921–22.
1922–23. Issued as Misc. Circ. 4 (pt. 1 not published).
1923–24. Issued as Misc. Circ. 17 (pt. 1 not published).

Title changed to "List of Workers in Subjects Pertaining to Agriculture in State Agricultural Colleges and Experiment Stations," 1924–25. Misc. Cir. 34.

Workers in Subjects Pertaining to Agriculture in State Agricultural Colleges and Experiment Stations.

1925–26. Misc. Circ. 58.
1926–27. Misc. Circ. 87.
1927–28. Misc. Pub. 12.
1928–29. Misc. Pub. 43.
1929–30. Misc. Pub. 67.
1930–31. Misc. Pub. 100.
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1935–36. Misc. Pub. 234.

Workers in Subjects Pertaining to Agriculture in Land-Grant Colleges and Experiment Stations.

1936–37. Misc. Pub. 254.
1937–38. Misc. Pub. 299.
1938–39. Misc. Pub. 335.
1939–40. Misc. Pub. 378.
1940–41. Misc. Pub. 420.
1941–42. Misc. Pub. 480.
1942–43. Misc. Pub. 510.
1943–44. Misc. Pub. 535.
1944–45. Misc. Pub. 556.
1945–46. Misc. Pub. 603.

UNITED STATES
DEPARTMENT OF AGRICULTURE
Miscellaneous Publication No. 603

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✦

1945–46

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By BETTY T. RICHARDSON
Office of Experiment Stations

UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON : 1946

For sale by the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.
Price 25 cents

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KEY TO ABBREVIATIONS

Acct., Accountant, Accounts.
Actg., Acting.
Admin., Administration, Administrative.
Agr., Agriculture, Agriculturist, Agricultural.
Agron., Agronomy, Agronomist.
Agt., Agent.
An., Animal.
Anal., Analytical, Analysis.
Anat., Anatomy.
Arch., Architect, Architecture, Architectural.
Assoc., Associate, Association.
Asst., Assistant.
Bact., Bacteriology, Bacteriologist.
Biochem., Biochemist, Biochemistry, Biochemical.
Biol., Biology, Biologist, Biological.
Bldg., Building(s).
Bot., Botany, Botanist, Botanical.
Brdg., Breeding.
Bul., Bulletin.
Chair., Chairman
Chem., Chemistry, Chemist, Chemical.
Climat., Climatology, Climatologist.
Coll., College.
Collab., Collaborator, Collaborating.
Comn., Commission.
Comp., Comparative.
Comr., Commissioner.
Conserv., Conservation, Conservationist.
Consult., Consulting, Consultant.
Coop., Cooperation, Cooperative, Cooperator.
Corresp., Correspondence, Correspondent.
Dem., Demonstration, Demonstrator.
Dept., Department.
Dir., Director.
Dist., District.
Div., Division.
Dom., Domestic.
Ecol., Ecology, Ecologist, Ecological.
Econ., Economy, Economic(s), Economist.
Ed., Education, Educational.
Engin., Engineer, Engineering.
Ent., Entomology, Entomologist, Entomological.
Equip., Equipment.
Erad., Eradication.
Exec., Executive.
Expt., Experiment, Experimental, Experimentalist.
Ext., Extension.
Fert., Fertility, Fertilizer.
Flor., Floriculture, Floriculturist, Floricultural.
For., Forestry, Forester.
Gard., Gardening, Gardener.
Gen., General.
Geog., Geography.
Geol., Geology, Geologist, Geological.
Grad., Graduate.
Histol., Histology, Histologist.
Hon., Honorary.
Hort., Horticulture, Horticulturist, Horticultural.
Husb., Husbandry, Husbandman.
Hyg., Hygiene.
Illus., Illustration, Illustrative.
Indus., Industry, Industrial, Industries.
Inorg., Inorganic.
Insp., Inspection, Inspector.
Instr., Instructor, Instruction.
Insts., Institutes.
Invest., Investigations, Investigational, Investigator.
Irrig., Irrigation, Irrigationist.
Lab., Laboratory.
Landsc., Landscape.
Lect., Lecturer.
Libr., Library, Librarian.
Mach., Machine, Machinery.
Mech., Mechanics, Mechanical.
Med., Medicine, Medical.
Met., Meteorology, Meteorologist.
Mfg., Manufacturing.
Mfrs., Manufactures.
Mgr., Manager.
Mgt., Management.
Microbiol., Microbiology, Microbiologist.
Mktg., Marketing.
Morphol., Morphology, Morphologist.
Mycol., Mycology, Mycologist.
Nutr., Nutrition, Nutritionist.
Oler., Olericulture, Olericulturist.
Org., Organic.
Organ., Organization(s).
Ornith., Ornithology, Ornithologist.
Parasit., Parasitology, Parasitologist.
Path., Pathology, Pathologist, Pathological.
Pharm., Pharmacy, Pharmacist, Pharmaceutical.
Pharmacol., Pharmacology, Pharmacologist.
Photog., Photography, Photographer.
Phys., Physics, Physical.
Physiol., Physiology, Physiologist, Physiological.
Phytopath., Phytopathology, Phytopathologist, Phytopathological.
P. O., Post Office.
Pomol., Pomology, Pomologist, Pomological.
Pract., Practice, Practical.
Prep., Preparatory.
Pres., President.
Prin., Principal.
Prod., Production.
Prof., Professor.
Pubs., Publications.
Res., Research.
Sci., Science, Scientist, Scientific.
Sect., Section.
Secon., Secondary.
Secy., Secretary.
Sociol., Sociology, Sociologist.
Spec., Special, Specialist.
Sta., Station.
Stat., Statistics, Statistical, Statistician.
Subsect., Subsection.
Substa., Substation.
Supt., Superintendent.
Supvr., Supervisor.
Surg., Surgery.
Tech., Technical, Technician.
Technol., Technology, Technologist.
Treas., Treasurer.
Trop., Tropical.
Univ., University.
Veg., Vegetable, Vegetation.
Vet., Veterinary, Veterinarian.
Vit., Viticulture, Viticulturist, Viticultural.
Voc., Vocational.
Zool., Zoology, Zoologist, Zoological.

PREFACE

The following explanations apply throughout the publication:

Subject-matter workers in extension are generally shown under the respective department or division of the college.

Certain institutions use the academic title for experiment station workers as well as for personnel engaged solely as teachers.

The figure 1 immediately following the name of a worker indicates leave of absence for service with the armed forces. The figure 2 indicates other leave.

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Muck Crops Expt. Farm, *P. O., McGuffey*—Harry Obenour, *Foreman.*
Paulding County Expt. Farm, *P. O., Paulding*—R. C. Beatty, *Supt.*
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PLANT INDUSTRIES—Continued.

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Barton, P. S., 65a.
Bartoo, R. A., 89a.
Bartow, Mrs. M. L., 20b.
Basherov, S., 90a.
Basinger, A. J., 10a.
Bassett, W. W., Jr., 16a.
Bastian, J. A., 82a.
Batchelder, D. T., 7a.
Batchelor, E. M., 36b.
Batchelor, H. W., 78a, 81a.
Batchelor, L. D., 6a.
Batdorf, S. B., 64b.
Bateman, B. A., 42a.
Bateman, G. Q., 103a.
Bateman, H. P., 24a.
Bateman, R. L., 49a.
Baten, W. D., 52b.
Bates, E., 70b.
Bates, J. C., 35a.
Bates, S. D., 12a.
Batten, E. T., 106b.
Bauer, A. H., 88a.
Bauer, F. C., 22a.
Bauer, G. N., 65a.
Baugh, L. G., 39a.
Bauman, R. H., 27a.
Baumann, C. A., 112a.
Baumeister, G. F., 113a.
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Baumgartner, F. M., 83b.
Baur, K. E., 107a.
Bausman, R. O., 15a.
Baver, L. D., III, IV, 74a.
Baxley, H. M., 75a.
Baxter, Mrs. L. F., 36b.
Bayles, J. J., 102a.
Bayne, T. L., Jr., 70a.
Bazler, C., 82a.
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Beach, B. A., 114b.
Beach, F. H., 80a.
Beach, G. A., 12a.
Beach, J. R., 8a.
Beach, W. S., 88a.
Beachell, H. M., 102a.
Beadle, B. V., 54b.
Beadles, J. R., 23a.
Beale, C., 16a.
Beale, R. S., 15a.
Beall, A., 18b.
Beall, Mrs. M. L., 45b.
Beall, T., 79b.
Beam, A. L., 88b.
Beamer, E. V., 34a.
Beamer, L. C., 106b.
Beamer, P. D., 25b.
Bean, H. W., 22a, 23a.
Beanblossom, F. Z., 57b.
Bear, F. E., 67b.
Bear, L. K., 78b.
Bearce, Mrs. B. W., 115b.
Beard, D. F., 78a.
Beard, R. L., 14a.
Beard, R. M., 79b.
Beardmore, H. F., 34a.
Bearer, E. V., 66a.
Bearse, G. E., 109a.
Beasley, R. P., 58b.
Beath, O. A., 115a.
Beatty, F. B., 11b.
Beatty, R. C., 82b.
Beaty, H. H., 32a.
Beaty, J. A., 2b.
Beaudette, F. R., 67a.
Beaumont, A. B., 46a.
Beaumont, J. H., 20a, 21a.
Beaven, W. C., 45a.
Bebout, H., 100a.
Bechdel, S. I., 88b.
Beck, G. H., 35b.
Beck, J. E., 71a.
Beck, J. R., 86b.
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Beck, R. S., 104b.
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Beckenbach, J. R., 16b.
Becker, E. R., 34b.
Becker, R. B., 15a.
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Beckman, R. W., 33b.

Becnel, I. J., 42b.
Bedenbaugh, P. G., 56a.
Bedford, C. L., 109a.
Bedsole, J. C., 16a.
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Beede, V. A., 89a.
Beeman, M. E., 28a.
Beers, H. W., 39a.
Beers, N. E., 96a.
Beers, Z. H., 27b.
Beese, R. S., 90b.
Beeskow, H. C., 48b.
Beeson, K. E., 26a.
Beeson, W. M., 26a.
Beetle, A. A., 8a.
Beggs, A. F., 65b.
Behn, H. K., 4b.
Behnke, C. A., 71a.
Behre, E. H., 42b.
Behrens, C. A., 26a.
Belanger, J., 87b.
Bell, A. J., 49b.
Bell, C. E., 16b.
Bell, D. S., 81a.
Bell, E. W., 47a.
Bell, F., 19a.
Bell, F. W., 35a.
Bell, I. L., 18b.
Bell, J. C., 19a.
Bell, J. P., 2b.
Bell, L. E., 50b.
Bell, R. S., 92a.
Bell, R. W., 50a.
Bell, T. D., 103a.
Bell, W. B., 8a.
Bell, W. E., 110a.
Bellamy, W. D., 69b.
Belton, H. L., 9a.
Belue, J. T., 1a.
Benbainer, W., 21a.
Benbrook, E. A., 34a.
Bender, C. B., 66a.
Bender, L. M., 95b.
Bender, R. E., 79a.
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Benford, H. R., 1a.
Benham, M. D., 79b.
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Benner, J. W., 68a.
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Bennett, F. W., 18a.
Bennett, G. R., 52a.
Bennett, H. G., 82a.
Bennett, H. H., IV.
Bennett, H. J., 42b.
Bennett, H. W. (Ga.), 19b.
Bennett, H. W. (Miss.), 56a.
Bennett, Mrs. J. C., 24a.
Bennett, J. P., 7b.
Bennett, Mrs. J. T., 42b.
Bennett, L., 100b.
Bennett, L. S., 74a.
Bennion, N. L., 85a.
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Bennitt, R., 59b.
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Benson, D. L., 50b.
Bent, Mrs. I. H., 113a.
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Bentley, G. M., 97b.
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Berg, H. A., 50a.
Berg, L. R., 109a.
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Bergdoll, M. S., 26b.
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Bergman, H. D., 34a.
Bergquist, Mrs. I. B., 77b.
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Berly, J. A., 94b.
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Binder, L. O., Jr., 60a.
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Bissell, T. L., 19b.
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Bivins, J. A., 52a.
Bivins, Mrs. J. B., 52a.
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Boehr, J. W., 83a.
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Brown, M. H., 105a.
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Thomas, O. J., 102b.
Thomas, R. A., 20b.
Thomas, R. C., 81b.
Thomas, R. H., 46b.
Thomas, R. P., 44a.
Thomas, W., 90a.
Thomas, W. P., 103a.
Thomasson, R. R., 58b.
Thompson, B. G., 86b.
Thompson, C. A., 66b.
Thompson, C. P., 83a.
Thompson, E. M., 4b.
Thompson, G. E., 19a.
Thompson, H. C. (Ind.), 28a.
Thompson, H. C. (N. Y.), 72b.
Thompson, Mrs. H. H., 19b.
Thompson, H. M., 100b.
Thompson, J. N., 101a.
Thompson, J. S., 78b.
Thompson, L. G., Jr., 17a.
Thompson, L. M., 99a.
Thompson, L. S., 60b.
Thompson, M. J., 56a.
Thompson, M. L., 106b.
Thompson, N. W., 97a.
Thompson, O. W., 100a.
Thompson, R., 100b.
Thompson, R. B., 84b.
Thompson, S., 42a.
Thompson, S. H., 31b.
Thompson, V. C., 6b.
Thompson, W. C., 67a.
Thompson, W. D., 102b.
Thompson, W. F., 6b.
Thompson, W. L., 17a.
Thompson, W. N., 24a.
Thompson, W. W., 37b.
Thomsen, L. C., 112b.
Thomson, T. R., 35b.
Thor, A. U., 23a.
Thordarson, T. W., 78a.
Thorfinnson, M. A., 55b.
Thornber, J. J., 3b.
Thornberry, H. H., 25b.
Thorne, D. W., 103a.
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Thorne, J. P., 103a.
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Thornton, M. K., 99b.
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Thorp, W. T. S., 88a.
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Thure, K., 110b.
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Thursby, I. S., 16b.
Thurston, A. S., 45b.
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Todd, F. A., 75a.
Todd, H. P., 56b.
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Toenjes, W., 52b.
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Tolaas, A. G., 55b.
Tolbert, R. H., 18a.
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Toney, L. A., 111a.
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Vossbrink, M. W., 49b.

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Waldo, G. F., 86a.
Waldron, C. B., 78b.
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Walker, Mrs. A. D., 96a.
Walker, B. Trotter-, 58b.
Walker, C., 25a.
Walker, Mrs. D. D., 94b.
Walker, E. A., 45a.
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Walker, G. P., 26a.
Walker, H. B., 9a.
Walker, J. C., 114a.
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Walker, O. F., 50a.
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Walker, W. H., 99b.
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Walkey, F. L., 29b.
Wall, R. F., 83a.
Wallace, B. A., 79a.
Wallace, D. B. Johnstone-, 69a.
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Wallace, J. J., 31b.
Wallace, J. M., 10b.
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Ward, L. M., 95b.
Ward, W. B. (Ind.), 29a.
Ward, W. B. (N. Y.), 71a.
Ware, Mrs. G. B., 84a.
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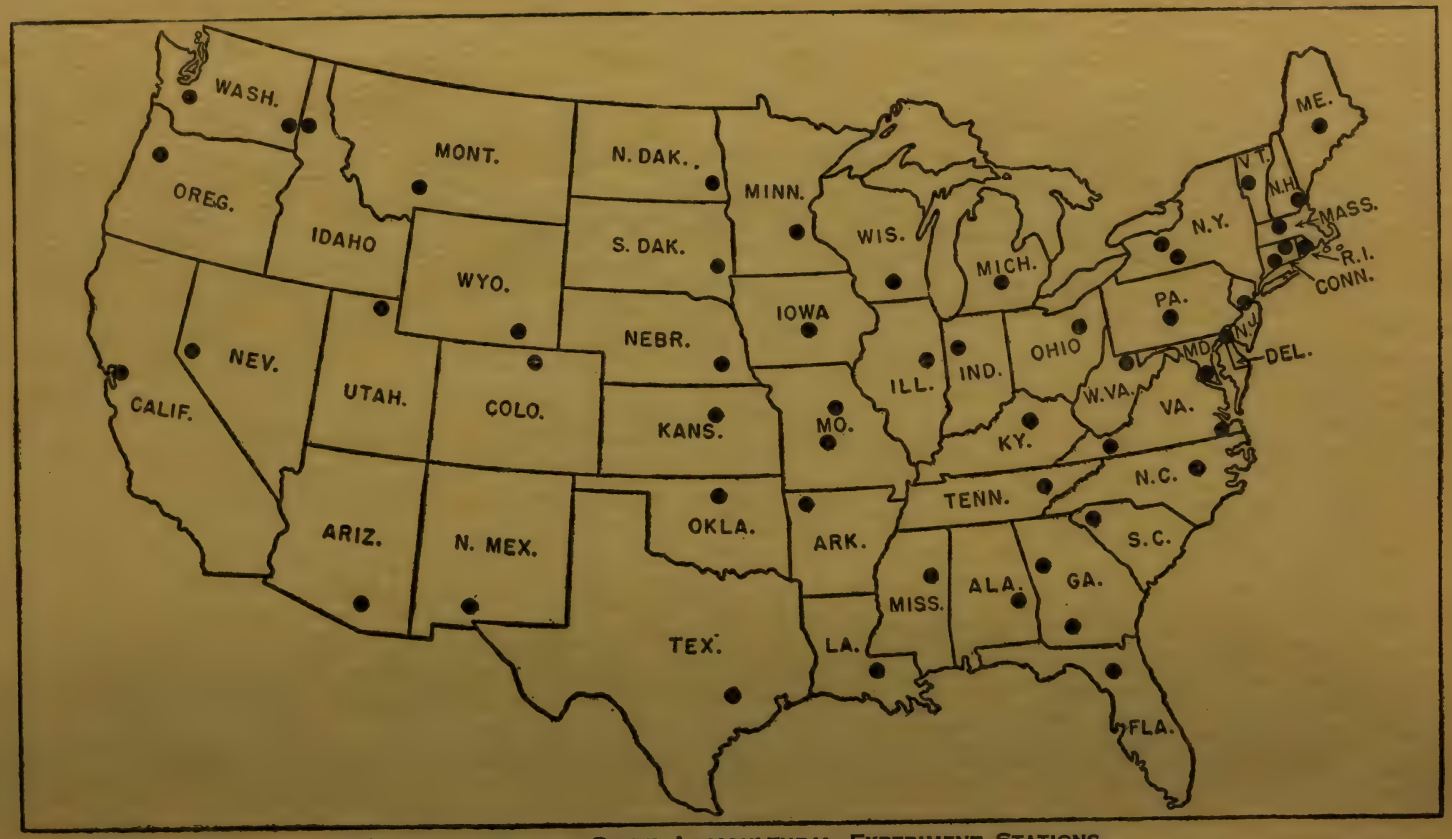

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